



## **ASBESTOS AND LEAD-BASED PAINT SURVEY**

**The Presidio  
Bldg 106 G. P. Headquarters Building  
San Francisco, CA**

**Benchmark Project No:** E09-693-ASU-LPI

**Building Owner:** State of California

**Type of Structure:** Headquarters Building

**Benchmark Technician:** Terri MacFarlane

**Site Visit Date:** August 24, 2009

### *PREPARED FOR*

Mr. David Keba  
Department of Transportation-Right of Way  
P. O. Box 23440  
Oakland, CA 94623-044

### *PREPARED BY*

Benchmark Environmental Engineering  
3732-A Charter Park Drive  
San Jose, CA 95136  
800-988-7424



Terri MacFarlane  
Environmental Field Service Manager

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## **EXECUTIVE SUMMARY**

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Benchmark Environmental Engineering was retained by Mr. David Keba of the Department of Transportation Right of Way to conduct an asbestos and lead-based paint survey at The Presidio, Bldg 106 G. P. Headquarters Building in San Francisco, California.

Written authorization to perform this survey was received by Benchmark from Mr. Keba.

The asbestos and lead-based paint survey was conducted on August 24, 2009 and was comprised of surveying all areas of the building which will undergo demolition as part of the Department of Transportation Right of Way program.

### **Background**

The structure located at The Presidio, Bldg 106 G. P. Headquarters Building in San Francisco CA was previously utilized as an administrative building. The structure consists of 3 levels. The basement is utilized for storage and consists of a number of offices/storage rooms. The ground level floor consists of numerous offices, bathroom and a galley. The 2<sup>nd</sup> floor consists of numerous offices and a galley/break room. A previous asbestos inspection was conducted by Versar in October 1995.

Benchmark understands that this structure will not be undergoing demolition activities.

### **Asbestos Containing Materials (ACM)**

Eighteen (18) samples were collected of materials scheduled for disturbance and analyzed for asbestos content.

The following suspect asbestos materials were sampled by Benchmark

- Resilient Sheet Flooring (variety of colors throughout) and Mastic
- 12" x12" beige speckled floor tile and Mastic
- Ceiling tile Mastic
- Carpet Jute Back
- Floor Leveling (variety of colors)

The following suspect asbestos materials were sampled by Versar, Inc in October 1995:

*None of these listed materials sampled contained asbestos*

- Vinyl Floor Tile and Mastic
- Vinyl Base Coving and Mastic
- Carpet Mastic
- Wall Plaster
- Window Putty
- Ceiling Tile (Lay in and glued)
- Asphalt Roof Shingles
- Mineral Roll Roofing
- Felt Paper
- Grout

### **Lead Based Paint**

In order to determine if lead based paint is present, three hundred seventy-three (373) assays were collected using an X-RAY FLUORESCENCE (XRF) instrument. Numerous components have been identified with lead in the paint above the EPA and DHS level of 1.0 mg/cm<sup>2</sup> or 5000 PPM.

The overall condition of the paint was in intact/good condition. Any painted surface which has been identified as having lead in the paint at or above the DHS level of 5000 parts per million and is in fair to poor condition must be considered a Hazard. Worker protection must be implemented during all phases of the demolition. (Title 8, CCR 1532.1.)

## **FINDINGS AND OBSERVATIONS**

The following table summarizes the material sampled, location, analytical results in percent of asbestos present, the friability of the material, the condition of the material, the estimated quantities of the material and the estimated removal cost.

### **Asbestos Samples**

<b>Material</b>	<b>Location</b>	<b>% of Asbestos</b>	<b>Friable\\Non-Friable</b>	<b>Condition</b>	<b>Quantities *</b>	<b>Removal Cost Estimate</b>
Resilient Sheet Flooring and Mastic (Gray)	Bathrooms	N/A	N/A	N/A	N/A	N/A
Resilient Sheet Flooring (beige)	Galley/Break Rooms	N/A	N/A	N/A	N/A	N/A
12" x 12" beige speckled floor tile and Mastic	Basement-Storage #1	5% Chrysotile (Tile) 2% Chrysotile (Msatic)	Non-Friable	Fair	200 SF	\$600
Ceiling Tile Mastic	Basement Storage #1 (ceiling and walls)	2% Chrysotile	Non-Friable	Intact	800 SF	\$3,000
Resilient Sheet Flooring (gray) and Mastic	Basement Office/Storage #2	5% Chrysotile (Tile) 10% Chrysotile (Msatic)	Non-Friable	Intact	100 SF	\$300
Resilient Sheet Flooring (White and Mastic)	Basement Office/Storage #3	N/A	N/A	N/A	N/A	N/A
Jute Back	Basement Office/Storage #3	N/A	N/A	N/A	N/A	N/A
Floor Leveling (Gray)	Basement Storage #2	N/A	N/A	N/A	N/A	N/A
Floor Leveling (Beige)	Basement Hall	N/A	N/A	N/A	N/A	N/A
Floor Leveling (lt gray)	Basement Room #101	N/A	N/A	N/A	N/A	N/A

\*This is a field estimate only and should be quantified by the contractor prior to removal

### **Asbestos**

A material is considered by the EPA to be asbestos-containing if at least one sample collected from the area shows asbestos present in an amount greater than one percent (> 1%). *The Asbestos Laboratory Results can be found in Appendix A*

## **Lead-Based Paint**

The results indicated that the following building components were above the EPA and DHS level of 1.0 mg/cm<sup>2</sup> or 5000 PPM. Lead-Based paint, as defined by EPA/HUD, was identified on the components assayed. See Appendix B for the Preliminary XRF Readings.

<b>Location</b>	<b>Component</b>	<b>Estimated Disposal Cost</b>
Exterior	Window components, Door Components, Painted Brick	N/A-No Demolition
Basement Stairwell	Walls, Door jamb, Door casing, Baseboard, Ceiling	N/A-No Demolition
Basement	Siding, Doors, Double doors, Door jambs, Window components, Ceilings	N/A-No Demolition
Ground Level	Window components, Baseboards, Chair Rail, Door components, Transom, Walls, Painted Brick	N/A-No Demolition
Stairwell to 2 <sup>nd</sup> Floor	Walls, Window components, Chair rail, Baseboard	N/A-No Demolition
2 <sup>nd</sup> Floor	Walls, Chair rail, Baseboards, Door components, Transom, Post/Column, Ceiling molding, Window components	N/A-No Demolition

The XRF results can be found in APPENDIX B- Lead Based Paint XRF Results Page

## **SCOPE OF SERVICES-ASBESTOS**

Asbestos sampling was performed by a Certified Asbestos Consultant (CAC). Bulk asbestos samples obtained from the facility were analyzed in the laboratory using Polarized Light Microscopy (PLM) with dispersion staining. The Inspection, sampling, and assessment procedures were performed in accordance with the guidelines published by the EPA in 125CFR Part 763 Subpart E, October 30, 1987.

## **METHODOLOGY-ASBESTOS**

### **General**

The survey consisted of three major activities: visual inspection, sampling, and analysis. Although these activities are listed separately, they are integrated tasks.

### **Visual Inspection**

An initial building walkthrough was conducted to determine the presence of suspect materials that were accessible or exposed. Materials that were similar in general appearance were grouped into homogeneous sampling areas.

### **Homogenous Material Classification**

A preliminary walkthrough of the building was conducted to determine areas of materials that were visually similar in color, texture, and general appearance and that appeared to have been installed at the same time. Such materials are termed "homogeneous materials" by the EPA. During this walkthrough, the approximate locations of these homogeneous materials were noted.

### **Sampling Procedures**

Following the walkthrough, the inspector collected selected samples of exposed or accessible materials identified as suspect ACM. EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

Samples of surfacing material for asbestos were collected in general accordance with the EPA random sampling protocol outlined in the EPA publication, "Asbestos in Buildings: Simplified Sampling Scheme for Friable

Surfacing Materials" (EPA 560/5-85-030a, October 1985). Samples of miscellaneous materials were taken as randomly as possible, while attempting to sample already damaged areas so as to minimize disturbance of the material.

### **Methods of Analysis**

Analysis was performed by visually observing the bulk sample and preparing slides for microscopic examination and identification. The samples were mounted on slides and then analyzed for asbestos (Chrysotile, Amosite, Crocidolite, Anthophyllite, and Actinolite/Tremolite), fibrous non-asbestos constituents (mineral wool, paper, etc.) and non-fibrous constituents. Asbestos was identified by refractive indices, morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics were used to identify the non-asbestos constituents.

The microscopist used a stereoscope to visually estimate relative amounts of each constituent using a stereoscope to determine the volume of each constituent in proportion to the total volume of the sample. All bulk samples were analyzed by Polarized Light Microscopy (PLM) with dispersion staining as described by the interim method of the determination of asbestos in bulk insulation, Federal Register, Volume 47, No. 103, May 27, 1982. This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displays that result enable mineral identification. It should be noted that some ACM may not be accurately identified or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard polarized light microscopy method. Transmission Electron Microscopy (TEM) is recommended for a more definitive analysis of these materials.

### **Laboratory Quality Control Program**

Forensic Analytical located in Hayward, California, performed the analysis. Forensic maintains an in-house quality control program. This program involves blind reanalysis of ten percent of all samples, precision and accuracy controls, and use of standard bulk reference materials.

### **Asbestos Containing Materials (ACM):**

A material is considered by the EPA to be asbestos-containing if at least one sample collected from the area shows asbestos present in an amount greater than one percent (> 1%).

Removal and disposal of asbestos containing materials (ACM) must be performed in accordance with Bay Area Air Quality Management District (BAAQMD) and California-Occupational Safety and Health Administration (CAL/OSHA) notification and work practice requirements.

EPA groups asbestos containing materials (ACM) into three (3) types:

- Friable ACM – Asbestos containing materials that can reduce to powder by hand pressure such as, thermal system insulation (TSI), acoustical ceiling material.
- Category I non-friable ACM - asbestos-containing resilient floor coverings or VAT, asphalt roofing products, packings and gaskets.
- Category II non-friable ACM – any material, excluding Category I materials, that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.

It is possible for any of the above types of ACM to become Regulated Asbestos Containing Materials (RACMs) under the Standard. RACMs are defined as:

- Friable ACM

- Category I non-friable ACM that has become friable.
- Category I non-friable ACM that has been or will be subjected to sanding, grinding, cutting, or abrading
- Category II non-friable ACM which has already been or is likely to become crumbled, pulverized, or reduced to powder by mechanical forces expected to act on the materials during demolition/renovation operations as covered by the Standard.

### **Asbestos Containing Construction Materials (ACCM)**

Although the material is not considered “asbestos containing” as defined by the EPA, the material does contain asbestos and is subject to OSHA regulations pertaining to employee exposure.

Title 8 of the California Code of Regulations, CCR Section 341.6-11 defines asbestos-containing construction materials (ACCM) as construction materials having greater than one-tenth of one percent (0.1%) by weight. This applies to Cal-OSHA regulations pertaining to the protection of workmen engaged in the removal of ACCM.

ACCM must be removed using the same regulation procedures as materials containing 1% asbestos as defined by EPA 125CFR 763 and OSHA 763 and OSHA 29 CFR 1926.1101 with regard to asbestos work classifications I, II, III, and IV including negative exposure assessments (NEA) and use of regulated areas.

## **SCOPE OF SERVICES-LEAD**

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Benchmark understands the scope of work for this project to be a Lead Based Paint Inspection. The lead-based paint inspection was conducted in general accordance with Title 17 of the California Code of Regulations (CCR), Division 1, Chapter 8 and United States Department of Housing and Urban Development (HUD) document entitled Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, published June 1995 (Revised 1997). The Risk assessment was conducted in general accordance with Chapter 5 of the HUD Guidelines.

## **METHODOLOGY-LEAD**

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### **General Reference**

The survey consisted of three major activities: visual inspection, sampling, and analysis. Although these activities are listed separately, they are integrated tasks.

### **Visual Inspection**

A Department of Health Services Certified Lead Inspector/Risk Assessor performed the inspection. An initial building walkthrough was conducted to determine the presence of suspect materials that were accessible or exposed.

### **Sampling Process**

Following the walkthrough, the inspector selected sample areas of exposed or accessible materials identified as suspect Lead-Based Paint. State and Federal Guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

### **Sampling Procedures Lead-Based Paint Inspection (X-Ray Fluorescence (XRF) Analysis)**

XRF instruments measure lead-in-paint by directing high energy X-rays and gamma rays into the paint, causing the lead atoms in the paint to emit X-rays which are detected by the instrument and converted to a measurement of the amount of lead in the paint. The EPA approved technology allows for measurement of X-rays without scraping or samples preparation to characterize substrate or matrix effects. The Spectrum Analyzer, Metals Analysis Probe (MAP 4) is combined with a microprocessor system that enables field-testing with a high degree of quality control and speed. Sample locations, descriptions, conditions, and measurement results are automatically recorded by the instrument and easily downloaded to a PC or laptop.

All results were compared to the State and Federal Guidelines:

1.0 mg/cm<sup>2</sup> = XRF-Lead-based Paint

The lead-based paint inspection was conducted in general accordance with Title 17 of the California Code of Regulations (CCR), Division 1, Chapter 8 and United States Department of Housing and Urban Development (HUD) document entitled Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, published June 1995 (Revised 1997).

All building components identified on the site inspection that may contain lead-based paint/coating were targeted for testing (interior and/or exterior walls, doors and all associated components).

The testing and sampling protocol was comprised of testing with an X-Ray Fluorescence (XRF) analyzer. The XRF instrument is set with a unique identification number, which lists the building components.

## **Quality Control Program**

Benchmark Environmental Engineering utilizes only DHS approved inspectors, which are certified to use radioactive instruments. The MAP 4 Spectrum Analyzer has on-board calibration routines, which continuously operate, and self-correct to minimized sampling error. This is known as substrate correcting software.

## **GENERAL**

### **Warranty**

Benchmark warrants that the findings contained herein have been prepared with the level of care and skill exercised by experienced and knowledgeable environmental consultants who are appropriately licensed or otherwise trained to perform asbestos assessments pursuant to the scope of work required on this project.

The survey included inspection of accessible materials such as above or behind suspended ceilings or other non-permanent structures. Benchmark did not inspect or sample inaccessible areas such as behind walls or within ductwork and did not dismantle any part of the structure to survey inaccessible areas. Inaccessible materials that are visible to Benchmark's inspectors shall be assumed asbestos containing or lead-based paint containing.

## **APPENDIX A: Asbestos Laboratory Results and Table**



# Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Benchmark Environmental  
Project Manager  
3732-A Charter Park Drive  
  
San Jose, CA 95136

**Client ID:** 3565  
**Report Number:** B127578  
**Date Received:** 08/26/09  
**Date Analyzed:** 09/01/09  
**Date Printed:** 09/01/09  
**First Reported:** 09/01/09

**Job ID/Site:** E09-693 - Presidio Bldg 106, San Francisco

**FALI Job ID:** 3565

**Date(s) Collected:** 08/24/2009

**Total Samples Submitted:** 18  
**Total Samples Analyzed:** 18

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
693-8-24-1B	10897806			ND			
Layer: Grey Sheet Flooring				ND			
Layer: Tan Woven Backing				ND			
Layer: White Mastic				ND			
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
693-8-24-2B	10897807			ND			
Layer: Grey Sheet Flooring				ND			
Layer: Tan Woven Backing				ND			
Layer: White Mastic				ND			
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
693-8-24-3B	10897808			ND			
Layer: Beige Sheet Flooring				ND			
Layer: Tan Woven Backing				ND			
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
693-8-24-4B	10897809			ND			
Layer: Beige Sheet Flooring				ND			
Layer: Tan Woven Backing				ND			
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
693-8-24-5B	10897810			Chrysotile 2 %			
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)		Talc (5 %)					
693-8-24-6B	10897811			Chrysotile 2 %			
Layer: Beige Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)		Talc (5 %)					

Client Name: Benchmark Environmental

Report Number: B127578  
Date Printed: 09/01/09

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
693-8-24-7B	10897812						
Layer: Brown Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
693-8-24-8B	10897813						
Layer: Brown Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
693-8-24-9B	10897814						
Layer: Grey Paint			ND				
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
693-8-24-10B	10897815						
Layer: Grey Paint			ND				
Layer: Black Tile		Chrysotile	5 %				
Layer: Black Mastic		Chrysotile	10 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
693-8-24-11B	10897816						
Layer: White Paint			ND				
Layer: Brown Sheet Flooring			ND				
Layer: Tan Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)							
693-8-24-12B	10897817						
Layer: White Paint			ND				
Layer: Brown Sheet Flooring			ND				
Layer: Tan Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (15 %)							
693-8-24-13B	10897818						
Layer: Grey Non-Fibrous Material			ND				
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
693-8-24-14B	10897819						
Layer: Grey Non-Fibrous Material			ND				
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

**Client Name:** Benchmark Environmental

**Report Number:** B127578  
**Date Printed:** 09/01/09

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
693-8-24-15B	10897820			ND			
Layer: Beige Non-Fibrous Material				Asbestos (ND)			
Total Composite Values of Fibrous Components:				Cellulose (Trace)			
693-8-24-16B	10897821			ND			
Layer: Beige Non-Fibrous Material				Asbestos (ND)			
Total Composite Values of Fibrous Components:				Cellulose (Trace)			
693-8-24-17B	10897822			ND			
Layer: Grey Non-Fibrous Material				Asbestos (ND)			
Total Composite Values of Fibrous Components:				Cellulose (Trace)			
693-8-24-18B	10897823			ND			
Layer: Grey Non-Fibrous Material				Asbestos (ND)			
Total Composite Values of Fibrous Components:				Cellulose (Trace)			



James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



**BENCHMARK**  
3732 Charter Park Drive, Ste. A San Jose CA 95136  
408-448-7594 408-448-3849 (fax)

**BULK CHAIN OF CUSTODY**

Please Include Sample Locations On Laboratory Report

Page: 1 of 2

Project #: E09-693

Date: 8/24/09

Technician: T. MACFARLANE

Project Address: PRESIDIO BLDG 106 SAN FRANCISCO

Client Name: DAVE KETZ

Company: CAL-TRANS RIGHT OF WAY

Sample Number	Location	Homogenous Group or Measurement	Material or Component	Results To Be Reported As
693-8-24-1B	WOMEN'S BATHROOM	(1)	RESILIENT SHEET FLORONIC - GRAY MARBLE	
2B	men's BATHROOM	1		
3B	1 <sup>ST</sup> FLOOR GALLERY	(2)	RESILIENT SHEET FLORONIC, BORE MARBLE	
4B	2 <sup>ND</sup> FLOOR GALLERY	1		
5B	Basement #1 STORAGE & SERVICE RM	(3)	12 x 12 WEDGE SPOTTED PT & MARBLE	
6B	Basement #1 STORAGE , DAD TO OFC	1		
7B	Basement STORAGE WALL, EAST	(4)	WALL/Ceilin MARBLE	
8B	Basement STORAGE CORRIDOR	1		
9B	Basement, STORAGE, DAD	(5)	RESILIENT SHEET FLORONIC - GRAY	

Circle

Project Type:

Asbestos Survey/Sample Collection

Lead-Based Paint

Risk Assessment (Lead)

Clearance Lead

Mold/Fungus (Baseline)

Sewage Screen (Baseline)

Sewage Screen (Post-Remediation)

Other: \_\_\_\_\_

Circle

Type of Analysis

PLM/Bulk (EPA 600)

EPA SW 846-7420 FLAA

Dust Wipe, Soil, Paint Chip GHOST WIPES

GPAA Water (lead)

Qualitative (MUG) E.Coli/Coliforms (Soil/Swab)

Direct Microscopic Exam (Tape/Swab)

Other: \_\_\_\_\_

Circle

Turnaround Time

Same Day/Rush

24 Hour

48 Hour

72 Hour

5 Day

Other: \_\_\_\_\_

Relinquished By: T. MacFarlane

Received By: BJ

Date/Time: 8/26/09



3732 Charter Park Drive, Ste. A San Jose CA 95136  
408-448-7594 408-448-3849 (fax)

## BULK CHAIN OF CUSTODY

Please Include Sample Locations On Laboratory Report

Page: 2 of 2

Project #: EDP-693 Date: \_\_\_\_\_ Technician: \_\_\_\_\_

Project Address: BLDG 106

Client Name: \_\_\_\_\_ Company: \_\_\_\_\_

Sample Number	Location	Homogenous Group or Measurement	Material or Component	Results To Be Reported As
1693-8-24-10B	#2 BASEMENT, STORAGE	(5)	RSF	
11B	#3 OFFICE/STORAGE, WINDOW	(6)	RESIDENT SITES Flooring - Witteray	
12B	#3 OFFICE/STORAGE, Dore	1	JUTE BACK	
13B	#2 OFFICE/STORAGE, CENTER FLOOR	(7)	Floor Leveling gray	
14B	#2 OFFICE/STORAGE, Dore to Hall	1		
15B	#3 STORAGE, Dore to Hall	(8)	FLOOR LEVELING - Beige	
16B	STORAGE, CENTER FLOOR	1		
17B	ROOM 101 closer	(9)	Floor leveling gray	
18B	Room 101 Central Hall	1		

Circle	Circle	Circle
<input type="checkbox"/> Project Type	<input type="checkbox"/> Type of Analysis	<input type="checkbox"/> Turnaround Time
Asbestos (Survey/Sample Collection)	PLM/Bulk (EPA 600)	Same Day/Rush
Lead-Based Paint	EPA SW 846-7420 FLAA	24 Hour
Risk Assessment (Lead)	Dust Wipe, Soil, Paint Chip <u>Ghost Wipes</u>	48 Hour
Clearance Lead	GFAA Water (lead)	72 Hour
Mold/Fungus (Baseline)	Qualitative (MUG) E.Coli/Coliforms (Soil/Swab)	5 Day
Sewage Screen (Baseline)	Direct Microscopic Exam (Tape/Swab)	Other: _____
Sewage Screen (Post-Remediation)	Other: _____	
Other: _____		

Relinquished By: T.morales Received By: SP Date/Time: 8/26/09

## **APPENDIX B: Lead-Based Paint XRF Results**

Walls are referenced as A, B, C and D

Wall A is the street side of the residence

Walls B, C, and D are numbered clockwise

Calibrations, Basement and Exterior							K-Shell	L-Shell	Result	Date	Time
Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	*	*	*	*	*
2	Calibration	*	*	*	*	*	*	*	1.008	0.996	Inconclusive
3	Calibration	*	*	*	*	*	*	*	1.174	0.86	XRF Positive
4	Calibration	*	*	*	*	*	*	*	0.961	0.955	Inconclusive
5	Calibration	*	*	*	*	*	*	*	0.943	0.884	Inconclusive
6	Calibration	*	*	*	*	*	*	*	0.99	0.937	Inconclusive
7	Calibration	*	*	*	*	*	*	*	0	0	Unknown
8	Stairwell	Wall	A	Plaster	Intact	White/Off White	21.855	-0.164	XRF Positive	24-Aug-09	09:41A
9	Stairwell	Door Casing	A	Wood	Intact	White/Off White	23.885	-0.317	XRF Positive	24-Aug-09	10:23A
10	Stairwell	Door Jamb	A	Wood	Intact	White/Off White	16.096	0.108	XRF Positive	24-Aug-09	10:23A
11	Stairwell	Door	A	Wood	Intact	White/Off White	-0.566	0	Negative	24-Aug-09	10:23A
12	Stairwell	Wall	B	Plaster	Intact	White/Off White	21.332	0.628	XRF Positive	24-Aug-09	10:23A
13	Stairwell	Stair Handrail	B	Wood	Intact	White/Off White	-0.907	0.255	Negative	24-Aug-09	10:23A
14	Stairwell	Baseboard	B	Wood	Intact	White/Off White	20.694	0.59	XRF Positive	24-Aug-09	10:24A
15	Stairwell	Wall	C	Plaster	Intact	White/Off White	21.283	-0.499	XRF Positive	24-Aug-09	10:24A
16	Stairwell	Window Sash	C	Wood	Intact	White/Off White	23.959	-0.088	XRF Positive	24-Aug-09	10:24A
17	Stairwell	Window Frame	C	Wood	Intact	White/Off White	26.572	-0.537	XRF Positive	24-Aug-09	10:24A
18	Stairwell	Ceiling	C	Plaster	Intact	White/Off White	12.735	-0.041	XRF Positive	24-Aug-09	10:24A
19	Stairwell	Wall	D	Plaster	Intact	White/Off White	18.892	0.257	XRF Positive	24-Aug-09	10:24A
20	Stairwell	Newell Post	D	Wood	Intact	White/Off White	-1.318	-0.118	Negative	24-Aug-09	10:25A
21	Stairwell	Door Casing	D	Metal	Intact	White/Off White	-0.247	0.531	Negative	24-Aug-09	10:25A
22	Stairwell	Door Jamb	D	Metal	Intact	White/Off White	-0.606	0.428	Negative	24-Aug-09	10:25A
23	Stairwell	Door	D	Wood	Intact	White/Off White	-0.375	0.19	Negative	24-Aug-09	10:26A
24	Hallway	Wall	A	Plaster	Fair	White/Off White	25.216	-0.082	XRF Positive	24-Aug-09	10:31A
25	Hallway	Door Casing	A	Wood	Fair	White/Off White	23.461	0.415	XRF Positive	24-Aug-09	10:32A
26	Hallway	Door Jamb	A	Wood	Intact	White/Off White	-0.27	0.041	Negative	24-Aug-09	10:32A
27	Hallway	Double Door	B	Wood	Stain Varnish Brown/Beige	0.048	-0.008	Negative	24-Aug-09	10:32A	
28	Hallway	Wall	B	Plaster	Fair	White/Off White	21.219	-0.2	XRF Positive	24-Aug-09	10:32A
29	Hallway	Siding	A	Wood	Intact	White/Off White	7.505	-0.128	XRF Positive	24-Aug-09	10:33A
30	Hallway	Closet Door	B	Wood	Intact	White/Off White	-0.021	-0.435	Negative	24-Aug-09	10:33A
31	Hallway	Door Jamb	B	Wood	Intact	White/Off White	0.21	-0.162	Negative	24-Aug-09	10:33A
32	Hallway	Door	B	Metal	Fair	White/Off White	0.448	0.681	Negative	24-Aug-09	10:33A
33	Hallway	Door	B	Metal	Fair	White/Off White	-0.585	0.597	Negative	24-Aug-09	10:33A
34	Hallway	Wall	C	Plaster	Intact	White/Off White	0.024	0.133	Negative	24-Aug-09	10:34A
35	Hallway	Door	C	Wood	Intact	White/Off White	11.857	-0.041	XRF Positive	24-Aug-09	10:34A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
36	Hallway	Siding	C	Wood	Intact	White/Off White	-0.068	0.02	Negative	24-Aug-09	10:34A
37	Hallway	Wall	D	Plaster	Intact	White/Off White	20.761	-0.251	XRF Positive	24-Aug-09	10:34A
38	Hallway	Ceiling	D	Plaster	Fair	White/Off White	28.986	0.39	XRF Positive	24-Aug-09	10:35A
39	Hallway	Double Door	D	Wood	Intact	White/Off White	17.322	-0.135	XRF Positive	24-Aug-09	10:35A
40	Hallway	Door Jamb	D	Wood	Intact	White/Off White	16.501	-0.009	XRF Positive	24-Aug-09	10:35A
41	Room 101	Wall	A	Plaster	Intact	White/Off White	30.829	0.648	XRF Positive	24-Aug-09	10:36A
42	Room 101	Window Sash	A	Wood	Intact	White/Off White	1.784	0.022	XRF Positive	24-Aug-09	10:36A
43	Room 101	Window Frame	A	Wood	Intact	White/Off White	19.13	0.712	XRF Positive	24-Aug-09	10:36A
44	Room 101	Wall	B	Plaster	Fair	White/Off White	30.03	0.394	XRF Positive	24-Aug-09	10:36A
45	Room 101	Double Door	B	Wood	Intact	White/Off White	21.554	0.177	XRF Positive	24-Aug-09	10:36A
46	Room 101	Door Jamb	B	Wood	Intact	Red/Pink	17.949	0.431	XRF Positive	24-Aug-09	10:37A
47	Room 101	Wall	C	Plaster	Fair	White/Off White	1.539	-0.035	XRF Positive	24-Aug-09	10:37A
48	Room 101	Ceiling	B	Plaster	Fair	White/Off White	19.587	1.108	XRF Positive	24-Aug-09	10:37A
49	Room 101	Post/Column	B	Metal	Intact	White/Off White	26.247	2.489	XRF Positive	24-Aug-09	10:37A
50	Room 101	Door	C	Wood	Stain Varnish	Brown/Beige	-0.217	-0.035	Negative	24-Aug-09	10:37A
51	Closet	Wall	A	Plaster	Fair	White/Off White	0.062	0.196	Negative	24-Aug-09	10:38A
52	Closet	Door Jamb	A	Wood	Intact	White/Off White	0.584	0.201	Negative	24-Aug-09	10:38A
53	Closet	Door	A	Wood	Stain Varnish	Brown/Beige	0.116	0.125	Negative	24-Aug-09	10:39A
54	Closet	Wall	B	Concrete	Intact	White/Off White	-0.633	-0.196	Negative	24-Aug-09	10:39A
55	Closet	Wall	C	Plaster	Fair	White/Off White	29.576	-0.153	XRF Positive	24-Aug-09	10:39A
56	Closet	Ceiling	C	Plaster	Fair	White/Off White	0.712	0.624	Negative	24-Aug-09	10:39A
57	Closet	Ceiling	C	Plaster	Fair	White/Off White	28.183	0.433	XRF Positive	24-Aug-09	10:40A
58	Room 101	Wall	D	Plaster	Fair	White/Off White	0.212	-0.123	Negative	24-Aug-09	10:40A
59	Room 101	Floor	D	Concrete	Poor	Gray	0.111	0.117	Negative	24-Aug-09	10:40A
60	Storage #1	Wall	A	Wood	Fair	White/Off White	0.669	-0.007	Negative	24-Aug-09	10:41A
61	Storage #1	Wall	B	Wood	Fair	White/Off White	-0.167	0.092	Negative	24-Aug-09	10:42A
62	Storage #1	Wall	C	Wood	Fair	White/Off White	0.579	0.124	Negative	24-Aug-09	10:43A
63	Storage #1	Door Jamb	C	Wood	Intact	White/Off White	20.616	-0.337	XRF Positive	24-Aug-09	10:43A
64	Storage #1	Door	C	Wood	Stain Varnish	Brown/Beige	0.411	-0.163	Negative	24-Aug-09	10:44A
65	Storage #1	Wall	D	Wood	Fair	White/Off White	-0.82	0.092	Negative	24-Aug-09	10:44A
66	Closet	Wall	A	Concrete	Intact	White/Off White	12.74	0.374	XRF Positive	24-Aug-09	10:44A
67	Closet	Wall	B	Wood	Intact	White/Off White	0.179	-0.319	Negative	24-Aug-09	10:44A
68	Closet	Door Jamb	B	Wood	Intact	White/Off White	0.065	-0.097	Negative	24-Aug-09	10:45A
69	Closet	Wall	C	Concrete	Intact	White/Off White	0.136	-0.574	Negative	24-Aug-09	10:45A
70	Closet	Wall	D	Concrete	Fair	White/Off White	14.26	0.719	XRF Positive	24-Aug-09	10:45A
71	Closet	Ceiling	D	Concrete	Fair	White/Off White	10.984	0.838	XRF Positive	24-Aug-09	10:46A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
72	Storage #1	Ceiling	D	Wood	Fair	White/Off White	0.152	0.083	Negative	24-Aug-09	10:47A
73	Office #1	Wall	A	Wood	Intact	White/Off White	0.372	0.288	Negative	24-Aug-09	10:47A
74	Office #1	Wall	B	Wood	Intact	White/Off White	0.588	0.197	Negative	24-Aug-09	10:48A
75	Office #1	Wall	C	Wood	Intact	White/Off White	0.003	0.02	Negative	24-Aug-09	10:48A
76	Office #1	Wall	D	Wood	Intact	White/Off White	-0.246	-0.267	Negative	24-Aug-09	10:49A
77	Office #1	Ceiling	D	Plaster	Intact	White/Off White	-0.229	0.112	Negative	24-Aug-09	10:49A
78	Storage #4	Wall	A	Wood	Intact	White/Off White	-0.666	0.522	Negative	24-Aug-09	10:50A
79	Storage #4	Window Sash	A	Wood	Intact	White/Off White	-0.236	-0.215	Negative	24-Aug-09	10:50A
80	Storage #4	Window Frame	A	Wood	Intact	White/Off White	11.765	0.573	XRF Positive	24-Aug-09	10:50A
81	Storage #4	Wall	B	Wood	Intact	White/Off White	-0.439	-0.259	Negative	24-Aug-09	10:50A
82	Storage #4	Door Jamb	B	Wood	Intact	White/Off White	0.234	-0.003	Negative	24-Aug-09	10:51A
83	Storage #4	Door	B	Wood	Stain Varnish	Brown/Beige	-0.63	-0.025	Negative	24-Aug-09	10:51A
84	Storage #4	Wall	C	Wood	Intact	White/Off White	-0.37	-0.232	Negative	24-Aug-09	10:51A
85	Storage #4	Wall	D	Wood	Intact	White/Off White	1.283	0.254	XRF Positive	24-Aug-09	10:51A
86	Storage #4	Ceiling	D	Sheetrik	Intact	White/Off White	-0.589	0.277	Negative	24-Aug-09	10:52A
87	Storage #5	Wall	A	Plaster	Intact	White/Off White	-0.457	0.177	Negative	24-Aug-09	10:53A
88	Storage #5	Wall	B	Concrete	Intact	White/Off White	-0.369	0.023	Negative	24-Aug-09	10:53A
89	Storage #5	Wall	C	Plaster	Intact	White/Off White	-0.439	0.063	Negative	24-Aug-09	10:54A
90	Storage #5	Cabinets	C	Wood	Intact	White/Off White	0.197	-0.596	Negative	24-Aug-09	10:54A
91	Storage #5	Wall	D	Plaster	Intact	White/Off White	-0.528	-0.002	Negative	24-Aug-09	10:54A
92	Storage #5	Door Jamb	D	Wood	Intact	White/Off White	0.425	-0.316	Negative	24-Aug-09	10:54A
93	Storage #5	Door	D	Wood	Stain Varnish	Brown/Beige	-0.747	-0.36	Negative	24-Aug-09	10:55A
94	Storage #5	Ceiling	D	Plaster	Intact	White/Off White	-0.522	0.168	Negative	24-Aug-09	10:55A
95	Storage #3	Siding	A	Wood	Intact	White/Off White	0.118	0.198	Negative	24-Aug-09	10:56A
96	Storage #3	Door Casing	A	Wood	Intact	White/Off White	1.835	0.307	XRF Positive	24-Aug-09	10:56A
97	Storage #3	Door	A	Wood	Fair	White/Off White	9.765	1.763	XRF Positive	24-Aug-09	10:56A
98	Storage #3	Door Jamb	A	Wood	Intact	White/Off White	1.85	0.112	XRF Positive	24-Aug-09	10:56A
99	Storage #3	Wall	B	Concrete	Intact	White/Off White	-0.2	0.175	Negative	24-Aug-09	10:57A
100	Storage #3	Wall	C	Concrete	Fair	White/Off White	-1.231	-0.667	Negative	24-Aug-09	10:57A
101	Storage #3	Wall	D	Concrete	Intact	White/Off White	-0.312	0.25	Negative	24-Aug-09	10:57A
102	Storage #3	Ceiling	D	Plaster	Fair	White/Off White	-0.284	-0.173	Negative	24-Aug-09	10:58A
103	Office #2	Wall	A	Plaster	Intact	Purple/Violet	-0.02	-0.075	Negative	24-Aug-09	10:59A
104	Office #2	Door Casing	A	Wood	Intact	White/Off White	0.176	0.046	Negative	24-Aug-09	11:00A
105	Office #2	Door Jamb	A	Wood	Intact	White/Off White	0.338	0.056	Negative	24-Aug-09	11:00A
106	Office #2	Door	A	Wood	Intact	White/Off White	-0.281	0.03	Negative	24-Aug-09	11:00A
107	Office #2	Wall	B	Concrete	Intact	White/Off White	0.266	-0.394	Negative	24-Aug-09	11:00A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
108	Office #2	Wall	C	Concrete	Intact	White/Off White	0.328	-0.355	Negative	24-Aug-09	11:01A
109	Office #2	Window Sash	C	Wood	Intact	White/Off White	16.664	0.513	XRF Positive	24-Aug-09	11:01A
110	Office #2	Window Frame	C	Wood	Intact	White/Off White	15.667	0.57	XRF Positive	24-Aug-09	11:01A
111	Office #2	Wall	D	Concrete	Intact	White/Off White	-0.084	-0.293	Negative	24-Aug-09	11:01A
112	Office #2	Ceiling	D	Plaster	Fair	White/Off White	-0.334	-0.011	Negative	24-Aug-09	11:02A
113	Closet	Wall	A	Plaster	Intact	White/Off White	-0.195	0.318	Negative	24-Aug-09	11:02A
114	Closet	Wall	B	Concrete	Intact	White/Off White	-0.488	0.287	Negative	24-Aug-09	11:03A
115	Closet	Wall	C	Concrete	Intact	White/Off White	-0.484	0.081	Negative	24-Aug-09	11:03A
116	Closet	Wall	D	Plaster	Intact	White/Off White	-0.255	0.04	Negative	24-Aug-09	11:03A
117	Closet	Door Jamb	D	Wood	Intact	White/Off White	0.255	-0.16	Negative	24-Aug-09	11:03A
118	Closet	Door	D	Metal	Fair	White/Off White	0.453	0.64	Negative	24-Aug-09	11:04A
119	Closet	Ceiling	D	Plaster	Intact	White/Off White	-0.652	-0.031	Negative	24-Aug-09	11:04A
120	Calibration	*	*	*	*	*	0	0	Unknown	24-Aug-09	11:05A
121	Calibration	*	*	*	*	*	0	0	Unknown	24-Aug-09	12:12P
122	Exterior	Window Sill	A	Wood	Fair	White/Off White	2.053	0.203	XRF Positive	24-Aug-09	12:12P
123	Exterior	Window Sash	A	Wood	Fair	White/Off White	4.958	0.238	XRF Positive	24-Aug-09	12:13P
124	Exterior	Window Frame	A	Wood	Intact	White/Off White	9.834	0.339	XRF Positive	24-Aug-09	12:13P
125	Exterior	Post/Column	A	Wood	Intact	White/Off White	7.635	1.107	XRF Positive	24-Aug-09	12:13P
126	Exterior	Floor	A	Wood	Intact	White/Off White	0.163	0.138	Negative	24-Aug-09	12:13P
127	Exterior	Shelf	A	Wood	Intact	White/Off White	0.211	0.038	Negative	24-Aug-09	12:14P
128	Exterior	Door	A	Wood	Intact	White/Off White	-0.038	0.4	Negative	24-Aug-09	12:14P
129	Exterior	Window Frame	A	Wood	Intact	White/Off White	16.108	0.368	XRF Positive	24-Aug-09	12:14P
130	Exterior	Door Jamb	A	Wood	Intact	White/Off White	-0.263	-0.014	Negative	24-Aug-09	12:14P
131	Exterior	Safety Rail	A	Metal	Fair	Black	0.667	1.18	Negative	24-Aug-09	12:15P
132	Exterior	Window Sill	B	Wood	Intact	White/Off White	8.517	0.338	XRF Positive	24-Aug-09	12:16P
133	Exterior	Window Sash	B	Wood	Intact	White/Off White	18.945	1.266	XRF Positive	24-Aug-09	12:16P
134	Exterior	Window Frame	B	Wood	Intact	White/Off White	10.963	0.989	XRF Positive	24-Aug-09	12:16P
135	Exterior	Siding	B	Wood	Fair	White/Off White	7.972	0.929	XRF Positive	24-Aug-09	12:17P
136	Exterior	Door	B	Wood	Intact	White/Off White	0.29	0.127	Negative	24-Aug-09	12:17P
137	Exterior	Door Jamb	B	Wood	Intact	White/Off White	-0.369	0.312	Negative	24-Aug-09	12:17P
138	Exterior	Siding	C	Wood	Intact	White/Off White	-0.583	0.167	Negative	24-Aug-09	12:17P
139	Exterior	Window Sill	C	Wood	Intact	White/Off White	7.146	0.57	XRF Positive	24-Aug-09	12:18P
140	Exterior	Window Frame	C	Wood	Intact	White/Off White	7.121	0.336	XRF Positive	24-Aug-09	12:18P
141	Exterior	Window Sash	C	Wood	Intact	White/Off White	15.929	1.051	XRF Positive	24-Aug-09	12:18P
142	Exterior	Double Door	C	Wood	Intact	Gray	17.071	1.193	XRF Positive	24-Aug-09	12:18P
143	Exterior	Window Frame	C	Wood	Intact	Gray	6.793	0.254	XRF Positive	24-Aug-09	12:19P

1st Floor (Interior)										2nd Floor (Exterior)									
Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time								
144	Exterior	Painted Brick	C	Tile/Masonry	Intact	Gray	6.41	0.43	XRF Positive	24-Aug-09	12:19P								
145	Exterior	Window Sill	D	Wood	Intact	White/Off White	12.253	1.019	XRF Positive	24-Aug-09	12:20P								
146	Exterior	Window Frame	D	Wood	Intact	White/Off White	15.238	1.697	XRF Positive	24-Aug-09	12:20P								
147	Exterior	Window Sash	D	Wood	Intact	White/Off White	17.966	1.708	XRF Positive	24-Aug-09	12:20P								
148	Calibration	*	*	*	*	*	0	0	Unknown	24-Aug-09	12:20P								
149	Calibration	*	*	*	*	*	0.972	0.854	Inconclusive	24-Aug-09	02:13P								
150	Calibration	*	*	*	*	*	1.067	0.85	Inconclusive	24-Aug-09	02:14P								
151	Calibration	*	*	*	*	*	0.996	0.859	Inconclusive	24-Aug-09	02:15P								
152	Calibration	*	*	*	*	*	0.982	0.903	Inconclusive	24-Aug-09	02:16P								
153	Calibration	*	*	*	*	*	0.971	0.923	Inconclusive	24-Aug-09	02:17P								
Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time								
155	Calibration	*	*	*	*	*	0	0	Unknown	24-Aug-09	11:05A								
156	Office #1	Wall	A	Sheetrk	Intact	White/Off White	-0.03	0.174	Negative	24-Aug-09	11:12A								
157	Office #1	Baseboard	A	Wood	Intact	White/Off White	-0.327	-0.042	Negative	24-Aug-09	11:12A								
158	Office #1	Door	A	Wood	Intact	White/Off White	0.107	-0.145	Negative	24-Aug-09	11:13A								
159	Office #1	Wall	B	Sheetrk	Intact	White/Off White	17.72	0.397	XRF Positive	24-Aug-09	11:13A								
160	Office #1	Baseboard	B	Wood	Intact	White/Off White	-0.21	-0.161	Negative	24-Aug-09	11:13A								
161	Office #1	Wall	C	Sheetrk	Intact	White/Off White	-0.009	0.185	Negative	24-Aug-09	11:13A								
162	Office #1	Wall	D	Plaster	Intact	White/Off White	17.26	0.388	XRF Positive	24-Aug-09	11:14A								
163	Office #1	Window Sill	D	Wood	Intact	White/Off White	24.903	-0.108	XRF Positive	24-Aug-09	11:14A								
164	Office #1	Window Frame	D	Wood	Intact	White/Off White	20.848	0.993	XRF Positive	24-Aug-09	11:14A								
165	Office #1	Window Sash	D	Wood	Intact	White/Off White	22.949	0.867	XRF Positive	24-Aug-09	11:14A								
166	Office #1	Chair Rail	D	Wood	Intact	White/Off White	1.949	0.342	XRF Positive	24-Aug-09	11:14A								
167	Office #2	Wall	A	Sheetrk	Intact	White/Off White	-0.213	0.063	Negative	24-Aug-09	11:15A								
168	Office #2	Door	A	Wood	Intact	White/Off White	-1.112	0.743	Negative	24-Aug-09	11:15A								
169	Office #2	Wall	B	Plaster	Intact	White/Off White	22.63	0.471	XRF Positive	24-Aug-09	11:16A								
170	Office #2	Wall	C	Plaster	Intact	White/Off White	17.459	-0.283	XRF Positive	24-Aug-09	11:16A								
171	Office #2	Chair Rail	C	Wood	Intact	White/Off White	2.102	0.255	XRF Positive	24-Aug-09	11:16A								
172	Office #2	Window Sill	C	Wood	Intact	White/Off White	27.643	-0.176	XRF Positive	24-Aug-09	11:16A								
173	Office #2	Window Frame	C	Wood	Intact	White/Off White	18.043	0.609	XRF Positive	24-Aug-09	11:16A								
174	Office #2	Window Sash	C	Wood	Intact	White/Off White	21.152	0.021	XRF Positive	24-Aug-09	11:16A								
175	Office #2	Wall	C	Plaster	Intact	White/Off White	19.95	0.025	XRF Positive	24-Aug-09	11:16A								
176	Office #2	Baseboard	D	Wood	Intact	White/Off White	22.423	0.258	XRF Positive	24-Aug-09	11:17A								
177	Office #3	Wall	A	Plaster	Intact	White/Off White	16.712	-0.476	XRF Positive	24-Aug-09	11:17A								
178	Office #3	Window Sill	A	Wood	Intact	White/Off White	26.024	0.174	XRF Positive	24-Aug-09	11:18A								

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
179	Office #3	Window Frame	A	Wood	Intact	White/Off White	19.162	0.466	XRF Positive	24-Aug-09	11:18A
180	Office #3	Window Sash	A	Wood	Intact	White/Off White	22.515	0.13	XRF Positive	24-Aug-09	11:18A
181	Office #3	Wall	A	Plaster	Intact	White/Off White	0.036	-0.23	Negative	24-Aug-09	11:18A
182	Office #3	Chair Rail	B	Wood	Intact	White/Off White	-0.141	-0.027	Negative	24-Aug-09	11:18A
183	Office #3	Wall	C	Sheetik	Intact	White/Off White	-0.335	0.223	Negative	24-Aug-09	11:19A
184	Office #3	Wall	C	Plaster	Intact	White/Off White	18.367	-0.338	XRF Positive	24-Aug-09	11:19A
185	Foyer	Wall	A	Plaster	Intact	White/Off White	19.319	0.098	XRF Positive	24-Aug-09	11:20A
186	Foyer	Door Casing	A	Wood	Intact	White/Off White	23.34	0.12	XRF Positive	24-Aug-09	11:20A
187	Foyer	Window Frame	A	Wood	Intact	White/Off White	2.065	0.075	XRF Positive	24-Aug-09	11:20A
188	Foyer	Door	A	Wood	Intact	White/Off White	-0.745	0.553	Negative	24-Aug-09	11:21A
189	Foyer	Wall	B	Plaster	Intact	White/Off White	19.624	-0.147	XRF Positive	24-Aug-09	11:21A
190	Foyer	Chair Rail	B	Wood	Intact	White/Off White	1.528	0.334	XRF Positive	24-Aug-09	11:21A
191	Foyer	Baseboard	B	Wood	Intact	White/Off White	21.801	0.464	XRF Positive	24-Aug-09	11:21A
192	Foyer	Floor	B	Wood	Stain Varnish	Brown/Beige	-0.985	-0.207	Negative	24-Aug-09	11:21A
193	Foyer	Wall	C	Plaster	Intact	White/Off White	22.544	-0.577	XRF Positive	24-Aug-09	11:22A
194	Foyer	Wall	D	Plaster	Intact	White/Off White	20.094	0.042	XRF Positive	24-Aug-09	11:22A
195	Hallway	Wall	A	Plaster	Intact	White/Off White	20.98	0.922	XRF Positive	24-Aug-09	11:22A
196	Hallway	Chair Rail	A	Wood	Intact	White/Off White	21.941	-0.239	XRF Positive	24-Aug-09	11:22A
197	Hallway	Baseboard	A	Wood	Intact	White/Off White	22.608	0.156	XRF Positive	24-Aug-09	11:22A
198	Hallway	Floor	A	Wood	Stain Varnish	Brown/Beige	0.111	-0.033	Negative	24-Aug-09	11:22A
199	Hallway	Door Casing	A	Wood	Intact	White/Off White	21.697	0.972	XRF Positive	24-Aug-09	11:23A
200	Hallway	Door Jamb	A	Wood	Intact	White/Off White	17.384	0.458	XRF Positive	24-Aug-09	11:23A
201	Hallway	Door	A	Wood	Intact	White/Off White	24.736	0.44	XRF Positive	24-Aug-09	11:23A
202	Hallway	Wall	B	Plaster	Intact	White/Off White	22.293	0.588	XRF Positive	24-Aug-09	11:23A
203	Hallway	Wall	C	Plaster	Intact	White/Off White	19.323	-0.392	XRF Positive	24-Aug-09	11:23A
204	Hallway	Wall	D	Plaster	Intact	White/Off White	-0.315	0.078	Negative	24-Aug-09	11:23A
205	Men's Bath	Wall	A	Plaster	Intact	White/Off White	22.41	-0.425	XRF Positive	24-Aug-09	11:24A
206	Men's Bath	Window Sill	A	Wood	Intact	White/Off White	25.315	-0.055	XRF Positive	24-Aug-09	11:24A
207	Men's Bath	Window Sash	A	Wood	Intact	White/Off White	21.301	0.425	XRF Positive	24-Aug-09	11:24A
208	Men's Bath	Window Frame	A	Wood	Intact	White/Off White	21.775	0.577	XRF Positive	24-Aug-09	11:25A
209	Men's Bath	Wall	B	Plaster	Intact	White/Off White	0.295	-0.093	Negative	24-Aug-09	11:25A
210	Men's Bath	Wall	C	Plaster	Intact	White/Off White	23.856	-0.386	XRF Positive	24-Aug-09	11:25A
211	Men's Bath	Baseboard	C	Wood	Intact	White/Off White	27	-0.267	XRF Positive	24-Aug-09	11:25A
212	Men's Bath	Door Casing	C	Wood	Intact	White/Off White	23.263	0.027	XRF Positive	24-Aug-09	11:25A
213	Men's Bath	Door	C	Wood	Intact	White/Off White	23.794	0.559	XRF Positive	24-Aug-09	11:25A
214	Men's Bath	Transom	C	Wood	Intact	White/Off White	14.478	0.562	XRF Positive	24-Aug-09	11:26A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
215	Men's Bath	Door Jamb	C	Wood	Intact	White/Off White	18.047	0.573	XRF Positive	24-Aug-09	11:26A
216	Men's Bath	Wall	D	Plaster	Intact	White/Off White	2.218	0.364	XRF Positive	24-Aug-09	11:26A
217	Office #4	Wall	A	Plaster	Intact	White/Off White	16.283	0.195	XRF Positive	24-Aug-09	11:27A
218	Office #4	Window Sill	A	Wood	Intact	White/Off White	22.273	0.517	XRF Positive	24-Aug-09	11:27A
219	Office #4	Window Frame	A	Wood	Intact	White/Off White	19.258	0.34	XRF Positive	24-Aug-09	11:27A
220	Office #4	Window Sash	A	Wood	Intact	White/Off White	19.695	0.804	XRF Positive	24-Aug-09	11:27A
221	Office #4	Wall	B	Plaster	Intact	White/Off White	19.611	-0.691	XRF Positive	24-Aug-09	11:28A
222	Office #4	Wall	C	Plaster	Intact	White/Off White	0.227	-0.632	Negative	24-Aug-09	11:28A
223	Office #4	Baseboard	C	Wood	Intact	White/Off White	1.631	0.184	XRF Positive	24-Aug-09	11:28A
224	Office #4	Door Casing	C	Wood	Intact	White/Off White	21.843	-0.445	XRF Positive	24-Aug-09	11:28A
225	Office #4	Door Jamb	C	Wood	Intact	White/Off White	15.846	0.257	XRF Positive	24-Aug-09	11:28A
226	Office #4	Door	C	Wood	Intact	White/Off White	-0.712	0.257	Negative	24-Aug-09	11:29A
227	Office #4	Transom	C	Wood	Intact	White/Off White	18.349	0.755	XRF Positive	24-Aug-09	11:29A
228	Office #4	Wall	D	Plaster	Intact	White/Off White	0.137	0.148	Negative	24-Aug-09	11:29A
229	Office #4	Baseboard	B	Wood	Intact	White/Off White	3.211	-0.043	XRF Positive	24-Aug-09	11:29A
230	Women's Bath	Wall	A	Plaster	Intact	White/Off White	14.008	-0.507	XRF Positive	24-Aug-09	11:30A
231	Women's Bath	Chair Rail	A	Wood	Intact	White/Off White	6.977	0.006	XRF Positive	24-Aug-09	11:30A
232	Women's Bath	Baseboard	A	Wood	Intact	White/Off White	16.466	0.09	XRF Positive	24-Aug-09	11:30A
233	Women's Bath	Door Casing	A	Wood	Intact	White/Off White	23.332	-0.029	XRF Positive	24-Aug-09	11:30A
234	Women's Bath	Door	A	Wood	Intact	White/Off White	17.723	0.455	XRF Positive	24-Aug-09	11:30A
235	Women's Bath	Door	A	Wood	Intact	White/Off White	-0.557	-0.068	Negative	24-Aug-09	11:31A
236	Women's Bath	Transom	A	Wood	Intact	White/Off White	10.393	0.417	XRF Positive	24-Aug-09	11:31A
237	Women's Bath	Wall	B	Plaster	Intact	White/Off White	23.398	0.592	XRF Positive	24-Aug-09	11:31A
238	Women's Bath	Wall	C	Plaster	Intact	White/Off White	20.095	0.495	XRF Positive	24-Aug-09	11:31A
239	Women's Bath	Window Sill	C	Wood	Intact	White/Off White	21.98	0.178	XRF Positive	24-Aug-09	11:31A
240	Women's Bath	Window Frame	C	Wood	Intact	White/Off White	19.779	0.64	XRF Positive	24-Aug-09	11:31A
241	Women's Bath	Window Sash	C	Wood	Intact	White/Off White	22.683	0.223	XRF Positive	24-Aug-09	11:31A
242	Women's Bath	Wall	D	Plaster	Intact	White/Off White	0	0.456	Negative	24-Aug-09	11:32A
243	Office #5	Wall	A	Plaster	Intact	White/Off White	-0.659	0.113	Negative	24-Aug-09	11:33A
244	Office #5	Wall	B	Plaster	Intact	White/Off White	13.865	0.09	XRF Positive	24-Aug-09	11:33A
245	Office #5	Window Sill	B	Wood	Intact	White/Off White	16.851	0.36	XRF Positive	24-Aug-09	11:34A
246	Office #5	Window Frame	B	Wood	Intact	White/Off White	22.274	-0.006	XRF Positive	24-Aug-09	11:34A
247	Office #5	Window Sash	B	Wood	Intact	White/Off White	18.087	0.764	XRF Positive	24-Aug-09	11:34A
248	Office #5	Wall	C	Plaster	Intact	White/Off White	0.167	-0.121	Negative	24-Aug-09	11:34A
249	Office #5	Door Jamb	C	Wood	Intact	White/Off White	11.443	0.306	XRF Positive	24-Aug-09	11:34A
250	Office #5	Door Casing	C	Wood	Intact	White/Off White	21.256	0.313	XRF Positive	24-Aug-09	11:35A

Dept. Of Transportation  
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### XRF Spread Sheet

The Presidio  
Bldg 106  
San Francisco

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
251	Office #5	Baseboard	C	Wood	Intact	White/Off White	-0.482	0.005	Negative	24-Aug-09	11:35A
252	Office #5	Transom	C	Wood	Intact	White/Off White	14.34	-0.26	XRF Positive	24-Aug-09	11:35A
253	Office #5	Wall	D	Plaster	Intact	White/Off White	11.152	0.252	XRF Positive	24-Aug-09	11:35A
254	Office #5	Door	D	Wood	Intact	White/Off White	0.586	0.089	Negative	24-Aug-09	11:35A
255	Office #6	Wall	A	Plaster	Intact	White/Off White	15.074	0.24	XRF Positive	24-Aug-09	11:36A
256	Office #6	Window Sill	A	Wood	Intact	White/Off White	23.653	0.178	XRF Positive	24-Aug-09	11:36A
257	Office #6	Window Frame	A	Wood	Intact	White/Off White	16.116	0.541	XRF Positive	24-Aug-09	11:36A
258	Office #6	Window Sash	A	Wood	Intact	White/Off White	0.331	0.019	Negative	24-Aug-09	11:37A
259	Office #6	Wall	B	Plaster	Intact	White/Off White	10.893	0.376	XRF Positive	24-Aug-09	11:37A
260	Office #6	Window Sash	B	Wood	Intact	White/Off White	17.434	0.462	XRF Positive	24-Aug-09	11:37A
261	Office #6	Wall	C	Plaster	Intact	White/Off White	-0.45	0.35	Negative	24-Aug-09	11:37A
262	Office #6	Wall	D	Plaster	Intact	White/Off White	-0.475	0.258	Negative	24-Aug-09	11:37A
263	Office #6	Baseboard	D	Wood	Intact	White/Off White	-0.333	0.35	Negative	24-Aug-09	11:38A
264	Office #6	Baseboard	A	Wood	Intact	White/Off White	1.612	0.134	XRF Positive	24-Aug-09	11:38A
265	Office #7	Wall	A	Plaster	Intact	White/Off White	19.289	0.38	XRF Positive	24-Aug-09	11:39A
266	Office #7	Wall	B	Plaster	Intact	White/Off White	-0.161	0.502	Negative	24-Aug-09	11:39A
267	Office #7	Door Jamb	B	Wood	Intact	White/Off White	17.056	0.617	XRF Positive	24-Aug-09	11:39A
268	Office #7	Door	B	Wood	Intact	White/Off White	-0.096	-0.298	Negative	24-Aug-09	11:39A
269	Office #7	Wall	C	Plaster	Intact	White/Off White	-1.021	-0.105	Negative	24-Aug-09	11:40A
270	Office #7	Window Sill	C	Wood	Intact	White/Off White	7.262	0.103	XRF Positive	24-Aug-09	11:40A
271	Office #7	Window Frame	C	Wood	Intact	White/Off White	19.984	-0.262	XRF Positive	24-Aug-09	11:40A
272	Office #7	Window Sash	C	Wood	Intact	White/Off White	16.725	0.461	XRF Positive	24-Aug-09	11:40A
273	Office #7	Wall	D	Plaster	Intact	White/Off White	0.192	0.32	Negative	24-Aug-09	11:40A
274	Office #7	Baseboard	D	Wood	Intact	White/Off White	0.025	0.094	Negative	24-Aug-09	11:41A
275	Office #8	Painted Brick	A	Tile/Masonry	Intact	White/Off White	0.57	0.084	Negative	24-Aug-09	11:42A
276	Office #8	Door Jamb	A	Wood	Intact	White/Off White	14.968	0.032	XRF Positive	24-Aug-09	11:43A
277	Office #8	Transom	A	Wood	Intact	White/Off White	13.911	0.029	XRF Positive	24-Aug-09	11:43A
279	Office #8	Wall	B	Plaster	Intact	White/Off White	0.632	-0.322	Negative	24-Aug-09	11:43A
280	Office #8	Door Casing	B	Wood	Intact	White/Off White	-0.1	-0.334	Negative	24-Aug-09	11:44A
281	Office #8	Door	B	Wood	Intact	White/Off White	-0.334	0.085	Negative	24-Aug-09	11:44A
282	Office #8	Wall	C	Plaster	Intact	White/Off White	0.639	-0.172	Negative	24-Aug-09	11:45A
283	Office #8	Window Frame	C	Wood	Intact	White/Off White	5.254	0.173	XRF Positive	24-Aug-09	11:45A
284	Office #8	Window Sash	C	Wood	Intact	White/Off White	21.197	0.971	XRF Positive	24-Aug-09	11:45A
285	Office #8	Window Sill	C	Wood	Intact	White/Off White	2.284	-0.254	XRF Positive	24-Aug-09	11:45A
286	Office #8	Wall	D	Plaster	Intact	White/Off White	-1.195	0.263	Negative	24-Aug-09	11:46A
287	Galley	Painted Brick	A	Tile/Masonry	Intact	White/Off White	1.349	-0.07	XRF Positive	24-Aug-09	11:46A

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
288	Galley	Window Sash	A	Wood	Intact	White/Off White	11.565	0.913	XRF Positive	24-Aug-09	11:47A
289	Galley	Window Sill	A	Wood	Intact	White/Off White	17.037	-0.993	XRF Positive	24-Aug-09	11:47A
290	Galley	Window Frame	A	Wood	Intact	White/Off White	0.332	-0.24	XRF Positive	24-Aug-09	11:47A
291	Galley	Wall	B	Plaster	Intact	White/Off White	0.185	0.249	Negative	24-Aug-09	11:47A
292	Galley	Door Jamb	B	Wood	Intact	White/Off White	0.321	0.025	Negative	24-Aug-09	11:47A
293	Galley	Wall	C	Plaster	Intact	White/Off White	1.376	-0.169	XRF Positive	24-Aug-09	11:48A
294	Galley	Wall	D	Plaster	Intact	White/Off White	1.08	-0.024	XRF Positive	24-Aug-09	11:49A
295	Galley	Baseboard	D	Wood	Intact	White/Off White	1.313	0.136	XRF Positive	24-Aug-09	11:50A
296	Stairwell	Wall	B	Plaster	Intact	White/Off White	18.442	-1.063	XRF Positive	24-Aug-09	11:51A
297	Stairwell	Newell Post	B	Wood	Intact	White/Off White	-0.046	-0.193	Negative	24-Aug-09	11:52A
298	Stairwell	Stair Handrail	B	Wood	Intact	White/Off White	0	0.039	Negative	24-Aug-09	11:52A
299	Stairwell	Wall	C	Plaster	Intact	White/Off White	20.241	-0.008	XRF Positive	24-Aug-09	11:52A
300	Stairwell	Baseboard	C	Wood	Intact	White/Off White	21.083	0.769	XRF Positive	24-Aug-09	11:52A
301	Stairwell	Window Sill	C	Wood	Intact	White/Off White	22.927	0.657	XRF Positive	24-Aug-09	11:53A
302	Stairwell	Window Frame	C	Wood	Intact	White/Off White	18.73	0.551	XRF Positive	24-Aug-09	11:53A
303	Stairwell	Window Sash	C	Wood	Intact	White/Off White	21.281	0.388	XRF Positive	24-Aug-09	11:53A
304	Stairwell	Wall	D	Plaster	Intact	White/Off White	21.142	0.191	XRF Positive	24-Aug-09	11:53A
305	Stairwell	Chair Rail	D	Wood	Intact	White/Off White	1.487	-0.09	XRF Positive	24-Aug-09	11:53A
306	Stairwell	Safety Rail	C	Wood	Intact	White/Off White	-0.052	0.099	Negative	24-Aug-09	11:54A
307	Calibration	*	*	*	*	*	0	0	Unknown	24-Aug-09	11:54A
<b>2nd Floor (Interior)</b>											
Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
309	Calibration	*	*	*	*	*	0	0	Unknown	24-Aug-09	11:54A
310	Hallway	Wall	A	Plaster	Intact	White/Off White	20.13	0.146	XRF Positive	24-Aug-09	11:54A
311	Hallway	Chair Rail	A	Wood	Intact	White/Off White	17.966	-0.268	XRF Positive	24-Aug-09	11:54A
312	Hallway	Baseboard	A	Wood	Intact	White/Off White	14.709	1.823	XRF Positive	24-Aug-09	11:54A
313	Hallway	Floor	A	Wood	Stain Varnish Brown/Beige	-0.62	-0.146	Negative	24-Aug-09	11:55A	
314	Hallway	Door	A	Wood	Intact	White/Off White	-0.024	0.429	Negative	24-Aug-09	11:55A
315	Hallway	Door Jamb	A	Wood	Intact	White/Off White	16.383	0.289	XRF Positive	24-Aug-09	11:55A
316	Hallway	Transom	A	Wood	Intact	White/Off White	13.396	0.633	XRF Positive	24-Aug-09	11:55A
317	Hallway	Wall	B	Plaster	Intact	White/Off White	22.224	0.01	XRF Positive	24-Aug-09	11:55A
318	Hallway	Wall	C	Plaster	Intact	White/Off White	20.253	0.387	XRF Positive	24-Aug-09	11:55A
319	Hallway	Wall	D	Plaster	Intact	White/Off White	18.572	-0.745	XRF Positive	24-Aug-09	11:56A
320	Office #1	Wall	A	Plaster	Intact	White/Off White	19.983	0.515	XRF Positive	24-Aug-09	11:58A
321	Office #1	Baseboard	A	Wood	Intact	White/Off White	24.808	0.199	XRF Positive	24-Aug-09	11:58A
322	Office #1	Door Casing	A	Wood	Intact	White/Off White	23.99	0.695	XRF Positive	24-Aug-09	11:58A

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The Presidio  
Bldg 106  
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Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
323	Office #1	Door Jamb	A	Wood	Intact	White/Off White	14.41	0.067	XRF Positive	24-Aug-09	11:58A
324	Office #1	Transom	A	Wood	Intact	White/Off White	18.239	0.877	XRF Positive	24-Aug-09	11:59A
325	Office #1	Door	A	Wood	Intact	White/Off White	12.015	0.209	XRF Positive	24-Aug-09	11:59A
326	Office #1	Wall	B	Plaster	Intact	White/Off White	18.251	0.136	XRF Positive	24-Aug-09	11:59A
327	Office #1	Wall	C	Plaster	Intact	White/Off White	19.758	-0.588	XRF Positive	24-Aug-09	11:59A
328	Office #1	Window Frame	C	Wood	Intact	White/Off White	23.825	-0.104	XRF Positive	24-Aug-09	11:59A
329	Office #1	Window Sill	C	Wood	Intact	White/Off White	19.603	0.981	XRF Positive	24-Aug-09	11:59A
330	Office #1	Window Sash	C	Wood	Intact	White/Off White	2.852	-0.296	XRF Positive	24-Aug-09	11:59A
331	Office #1	Wall	D	Plaster	Intact	White/Off White	-0.065	0.38	Negative	24-Aug-09	11:59A
332	Office #2	Wall	A	Plaster	Intact	White/Off White	-0.553	0.318	Negative	24-Aug-09	12:00P
333	Office #2	Wall	A	Plaster	Intact	White/Off White	18.747	-0.69	XRF Positive	24-Aug-09	12:00P
334	Office #2	Door Casing	A	Wood	Intact	White/Off White	22.464	1.112	XRF Positive	24-Aug-09	12:00P
335	Office #2	Transom	B	Wood	Intact	White/Off White	18.975	0.948	XRF Positive	24-Aug-09	12:00P
336	Office #2	Door	B	Wood	Intact	Red/Pink	0.156	-0.156	Negative	24-Aug-09	12:01P
337	Office #2	Wall	C	Plaster	Intact	White/Off White	-0.224	0.282	Negative	24-Aug-09	12:01P
338	Office #2	Wall	D	Plaster	Intact	White/Off White	19.246	0.025	XRF Positive	24-Aug-09	12:01P
339	Office #2	Chair Rail	D	Wood	Intact	White/Off White	17.194	0.817	XRF Positive	24-Aug-09	12:01P
340	Office #2	Baseboard	D	Wood	Intact	White/Off White	23.818	0.497	XRF Positive	24-Aug-09	12:01P
341	Office #2	Window Sill	D	Wood	Intact	White/Off White	26.821	0.455	XRF Positive	24-Aug-09	12:01P
342	Office #2	Window Frame	D	Wood	Intact	White/Off White	17.603	0.921	XRF Positive	24-Aug-09	12:02P
343	Office #2	Window Sash	D	Wood	Intact	White/Off White	22.106	0.816	XRF Positive	24-Aug-09	12:02P
344	Galley	Wall	A	Plaster	Intact	White/Off White	0.318	-0.406	Negative	24-Aug-09	12:02P
345	Galley	Wainscot	A	Wood	Intact	White/Off White	0.227	-0.267	Negative	24-Aug-09	12:02P
346	Galley	Window Sill	A	Wood	Intact	White/Off White	2.648	0.792	XRF Positive	24-Aug-09	12:03P
347	Galley	Window Frame	A	Wood	Intact	White/Off White	2.958	0.524	XRF Positive	24-Aug-09	12:03P
348	Galley	Window Sash	A	Wood	Intact	White/Off White	-0.372	0.277	Negative	24-Aug-09	12:03P
349	Galley	Post/Column	A	Wood	Intact	White/Off White	20.246	-0.538	XRF Positive	24-Aug-09	12:03P
350	Galley	Ceiling Molding	A	Wood	Intact	White/Off White	7.986	-0.317	XRF Positive	24-Aug-09	12:03P
351	Galley	Painted Brick	B	Tile/Masonry	Intact	White/Off White	0.131	-0.378	Negative	24-Aug-09	12:03P
352	Galley	Painted Brick	C	Tile/Masonry	Intact	White/Off White	-1.089	-0.613	Negative	24-Aug-09	12:04P
353	Galley	Window Sash	C	Wood	Intact	White/Off White	0.45	-0.052	Negative	24-Aug-09	12:04P
354	Galley	Painted Brick	D	Tile/Masonry	Intact	White/Off White	0.244	-0.188	Negative	24-Aug-09	12:05P
355	Office #3	Wall	A	Plaster	Intact	White/Off White	-0.338	0.153	Negative	24-Aug-09	12:05P
356	Office #3	Wall	B	Plaster	Intact	White/Off White	15.882	0.291	XRF Positive	24-Aug-09	12:06P
357	Office #3	Window Sill	B	Wood	Intact	White/Off White	18.743	0.457	XRF Positive	24-Aug-09	12:06P
358	Office #3	Window Frame	B	Wood	Intact	White/Off White	19.901	0.528	XRF Positive	24-Aug-09	12:06P

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### XRF Spread Sheet

The Presidio  
Bldg 106  
San Francisco

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
359	Office #3	Window Sash	B	Wood	Intact	White/Off White	22.385	1.441	XRF Positive	24-Aug-09	12:06P
360	Office #3	Baseboard	B	Wood	Intact	White/Off White	22.214	0.05	XRF Positive	24-Aug-09	12:06P
361	Office #3	Wall	D	Plaster	Intact	White/Off White	18.652	0.289	XRF Positive	24-Aug-09	12:06P
362	Office #3	Wall	D	Plaster	Intact	White/Off White	17.747	0.364	XRF Positive	24-Aug-09	12:07P
363	Office #3	Wall	D	Plaster	Intact	White/Off White	19.839	1.666	XRF Positive	24-Aug-09	12:07P
364	Office #3	Chair Rail	D	Wood	Intact	White/Off White	22.56	0.374	XRF Positive	24-Aug-09	12:07P
365	Office #4	Wall	A	Plaster	Intact	White/Off White	19.54	1.109	XRF Positive	24-Aug-09	12:09P
366	Office #4	Window Sill	A	Wood	Intact	White/Off White	20.117	0.319	XRF Positive	24-Aug-09	12:09P
367	Office #4	Window Frame	A	Wood	Intact	White/Off White	18.046	0.234	XRF Positive	24-Aug-09	12:09P
368	Office #4	Window Sash	A	Wood	Intact	White/Off White	19.907	1.116	XRF Positive	24-Aug-09	12:09P
369	Office #4	Baseboard	A	Wood	Intact	White/Off White	21.047	1.222	XRF Positive	24-Aug-09	12:09P
370	Office #4	Wall	B	Plaster	Intact	White/Off White	16.812	0.828	XRF Positive	24-Aug-09	12:09P
371	Office #4	Wall	C	Plaster	Intact	White/Off White	0.012	0.294	Negative	24-Aug-09	12:10P
372	Office #4	Wall	D	Plaster	Intact	White/Off White	-0.023	-0.015	Negative	24-Aug-09	12:10P
373	Calibration	*	*	*	*	*	0	0	Unknown	24-Aug-09	12:11P

## **APPENDIX C: Certifications and Lead Hazard Evaluation Form**

State of California Department of Public Health

Lead-Related  
Construction  
Certificate

Certificate  
Type

Expiration  
Date

**Inspector/Assessor**    **08/28/2010**



**Terri A. MacFarlane**

**ID #:** **5666**

**LEAD HAZARD EVALUATION REPORT**

E09-693

**Section 1 — Date of Lead Hazard Evaluation** 8/24/09**Section 2 — Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) \_\_\_\_\_

**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)] <b>TITLE PRESIDIO - BLDG 106</b>		City <b>SAN FRANCISCO</b>	County <b>SAN FRANCISCO</b>	Zip Code <b>94623</b>
Construction date (year) of structure <b>1909</b>	Type of structure  <input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input checked="" type="checkbox"/> Other <u>MILITARY</u>	Children living in structure?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know		

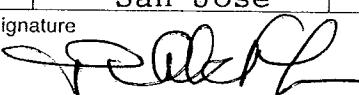
**Section 4 — Owner of Structure (if business/agency, list contact person)**

Name <b>DAVE KEBA - CAL-TRANS</b>	Telephone number <b>510-286-5497</b>		
Address [number, street, apartment (if applicable)] <b>P.O. Box 23440</b>	City <b>OAKLAND</b>	State <b>CA</b>	Zip Code <b>94623</b>

**Section 5 — Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 — Individual Conducting Lead Hazard Evaluation**

Name <b>Terri MacFarlane</b>	Telephone number <b>(800) 988-7424</b>		
Address [number, street, apartment (if applicable)] <b>3732 Charter Park Dr Ste A</b>	City <b>San Jose</b>	State <b>CA</b>	Zip Code <b>95136</b>
CDPH certification number <b>5666</b>	Signature 	Date <b>9/24/09</b>	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

MAP 4

M4-1433

M4-1365

**Section 7 — Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Third copy only (no attachments) mailed or faxed to:

Second copy and attachments retained by owner

California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656

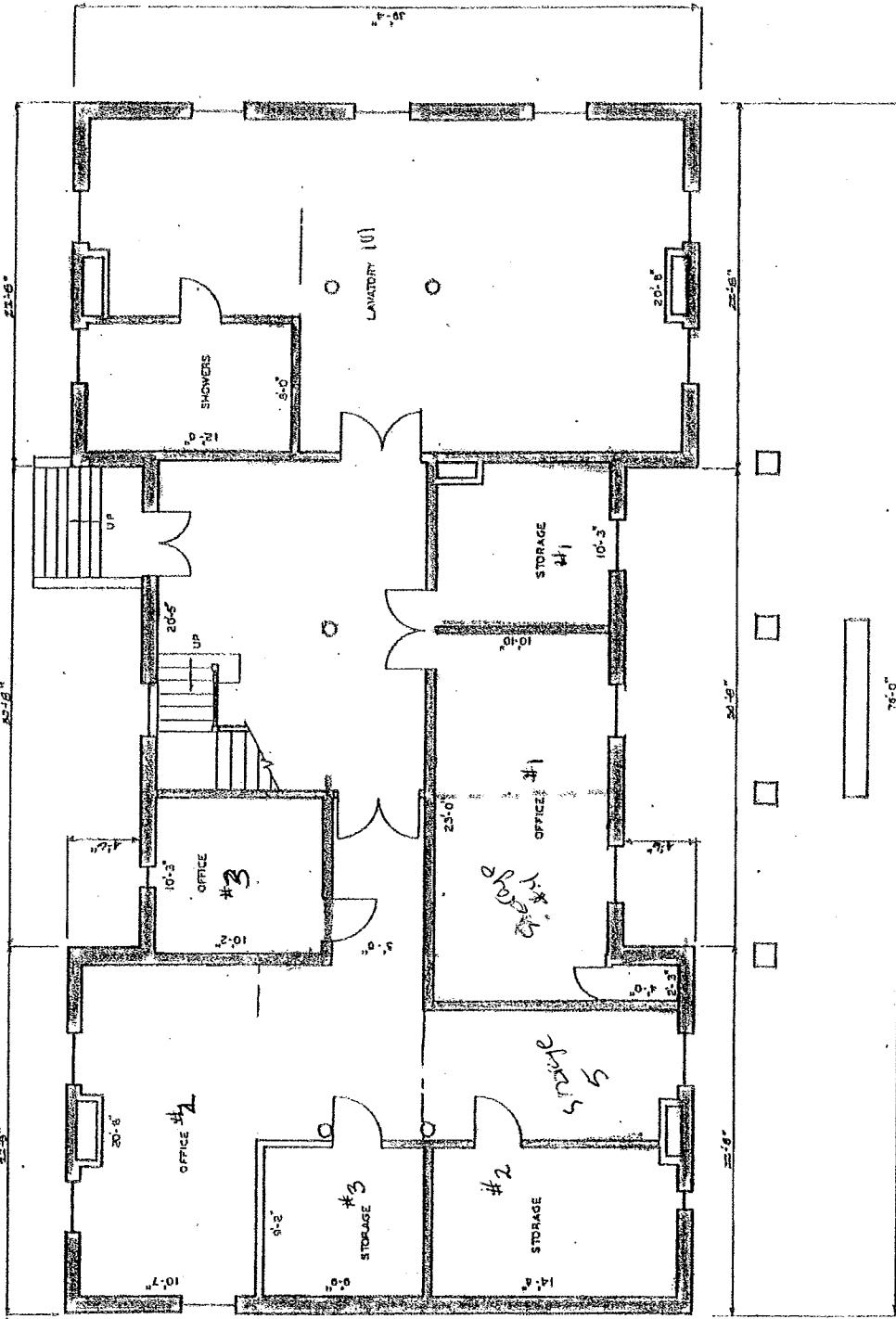
## **APPENDIX E: Diagram**

NOTE: DIMENSIONS HAVE NOT BEEN VERIFIED

BUILDING 106.

SCALE IN FEET

BASSEMENT



## **CHIEF REPAIR NEEDS (CAP MAINTENANCE FEATURES)**

Exterior		Interior		Life Safety/Egress		Disability Access		Mechanical/Electrical	
4110	Masonry infilled openings at basement need minor pointing work. Repair masonry.	4210	Plaster walls have some cracks, holes and efflorescence. Patch and paint.	4273	Interior stair railings - non-compliant height, missing handrails, no returns. Provide new compliant rail.	4711	Existing eaves openings and doors are too narrow. Enlarge openings to 36" wide.	5264	Fluorescent fixtures are missing from new areas.
		4220	Suspended ceiling is stained. Replace ceiling.	4712	Entrance is non-compliant. 2' landing. Threshold not high and return is too -step. Remove existing stair, excavate and provide new stair and landing.	4713	Knob locks are non-compliant for disabled access. Lever handle hardware is required. Replace knob locks with lever handle hardware.	5265	Undischarged wiring. Secure communication wires to adjacent walls.
		4230	Painted concrete floor in men's lavatory worn. Repair floor.	4731	There is no fire alarm system in the building. Provide a complete fire alarm system with pull stations, horns and strobes.	4773	No disabled baysets between floors. Provide 3-stamp elevator.		
		4251	Broken wood frames. Replace with new.			4774	Taller room fixtures are not accessible. Fixtures are partitioned.		
						4783	There are no smoke detectors in the kitchen. Smoke detectors are not accessible. Fixtures are partitioned.		

**REHABILITATION GUIDI  
PRESIDIO OF SA  
NPS CX-2000-O  
BASEMENT**

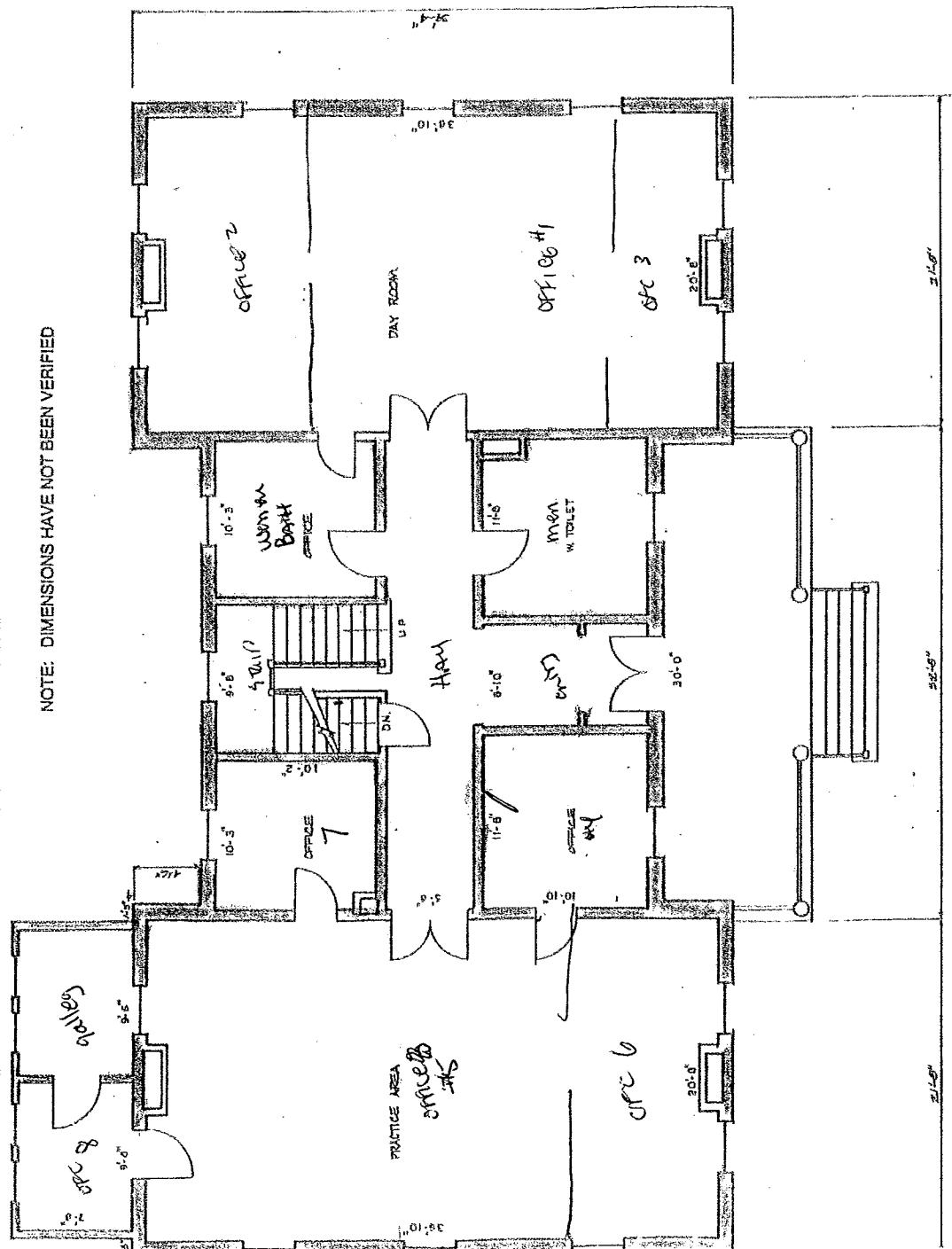
NOTE: DIMENSIONS HAVE NOT BEEN VERIFIED

## BUILDING 106 - First Floor



SCALE IN FEET  
0 2 4 6 8 10 12

## Ground Floor



## CURRENT REPAIR NEEDS (ICAP MAINTENANCE FEATURES)

- Interior**
- 4210 Plaster walls are cracked and broken. Remove plaster and install drywall.
  - 4210 Plaster walls have some cracks, holes and efflorescence. Patch and paint.
  - 4210 Abandoned pipe is protruding from wall and plaster wall. Cut pipe back within new trim.
  - 4220 Wood strip flooring has worn in women's toilet room. Remove old flooring with clearance glass.
  - 4220 Abandoned porch is clear out, all trim paint.
  - 4224 Transom glazing have been painted. Remove paint.
  - 4251 Wood door casing damaged and rotted. Replace with new.
  - 4251 Patch return soffit.
- Life Safety/Egress**
- 4273 Interior hair railings - non-compliant height, missing handrails, no returns. Provide new compliant rails.
  - 4273 Existing egress points and doors are too narrow. Enlarge opening to 36" wide.
  - 4713 Concrete entry porch is not disabled accessible. Install concrete ramp - proposed location at both end of porch.
  - 4713 Pair of entry doors swing inward. Reinforce existing doors to swing outward and provide new hardware.
  - 4712 Galvanized steel railings for stairs are mounted too low and spacing exceed 4" max distance. Provide new railing.
  - 4713 There is no fire alarm system in the building. Provides a common horn in the system with pull stations, horns and strobes.
- Disabled Access**
- 4711 Existing eared soffits and doors are too narrow. Enlarge opening to 36" wide.
  - 4712 Concrete entry porch is not disabled accessible. Install concrete ramp - proposed location at both end of porch.
  - 4713 Pair of entry doors swing inward. Reinforce existing doors to swing outward and provide new hardware.
  - 4712 Galvanized steel railings for stairs are mounted too low and spacing exceed 4" max distance. Provide new railing.
  - 4713 There is no fire alarm system in the building. Provides a common horn in the system with pull stations, horns and strobes.
- Mechanical/Electrical**
- 5335 Undischarged wiring. Secure communication wires to insulation well.

REHABILITATION GUIDELINES BUILDING 106  
PRESIDIO OF SAN FRANCISCO  
NPS CX-2000-0-0000 W.O. 14

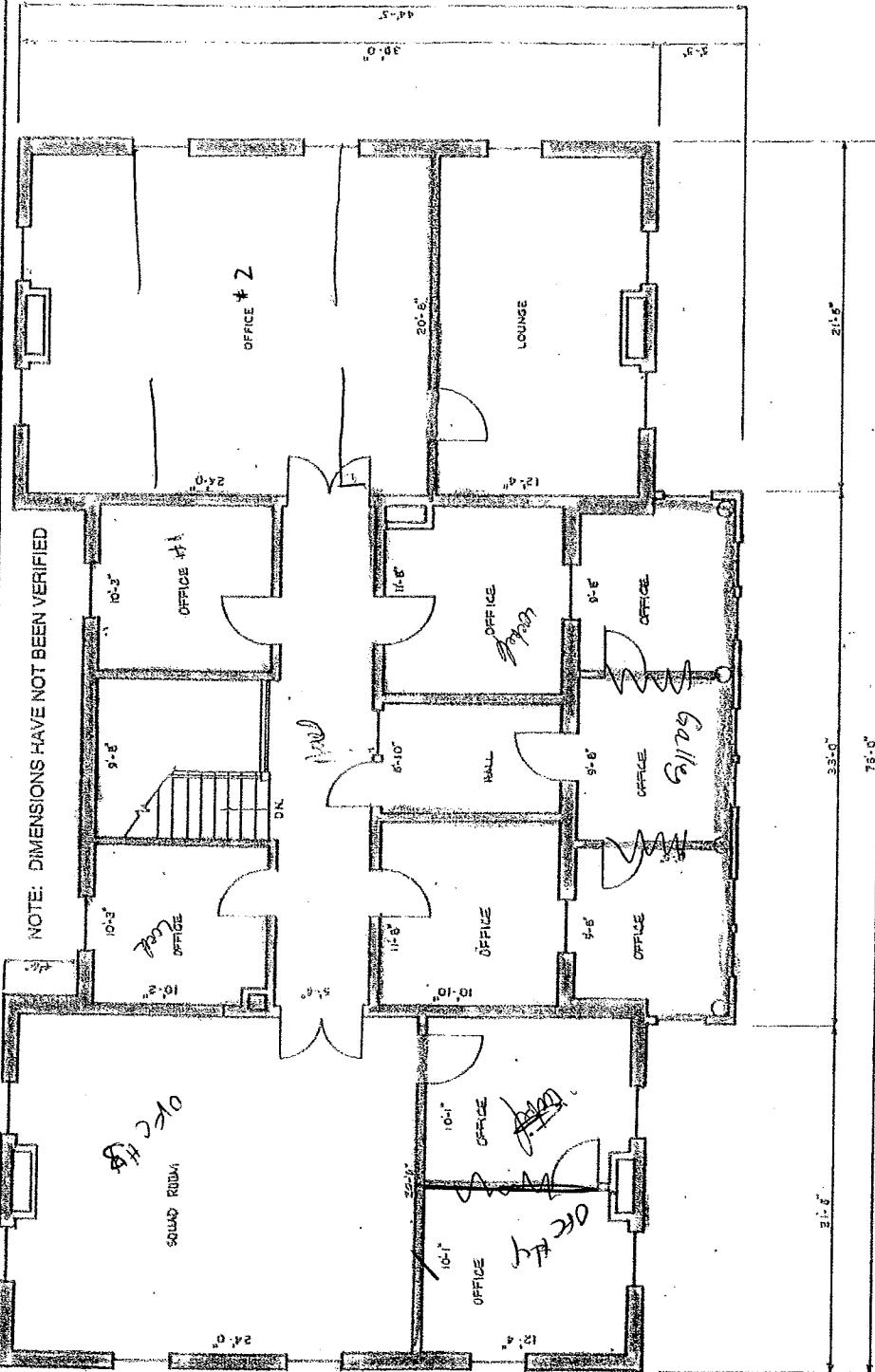
FIRST FLOOR PLAN

Sheet 2 of 3 January 1993

BUILDING 106.

0 2 4 6 8 10  
SCALE IN FEET

2ND FLOOR



CURRENT REPAIR NEEDS (ICAP MAINTENANCE FEATURES)

	Exterior	Interior	Life Safety/Egress	Disability Access	Mechanical/Electrical
Name/Number	4220 Suspended ceiling is broken at seam	4223 Interior stair railings - non-compliant heights, missing handrails, no returns. Provide new compliant rails.	4711 Existing egress openings and doors are too narrow. Enlarge openings to 35" wide.	4716 The drinking fountain is not disabled accessible. Replace drinking fountain with accessible fountain.	
	4243 Window sash and apron is deteriorated. Replace in kind.	4244 Transom glazing have been prieded. Remove glazing.	4713 Knob locks are non-compliant for disabled access, lever handle hardware is required. Replace knob locks with lever handle hardware.	4732 Panel/guard cover above is missing. Provide cover plate.	
	4245 Plaster walls have some cracks, holes and discolorance. Patch and paint.	4246 Wall panel is scratched. Remove wood panel, washout and patch plaster walls.	4715 There is no second means of egress from the second floor. Provide interior or exterior exit stairs.	4748 Undersigned wiring. Secure communication wires to adjacent wall.	
	4246 Exposed rafters at enclosed porch. Hatch by panel board at ceiling.	4250 Wood baseboard is missing at hot water pipe and riser. Provide baseboard to enclose hot water pipe.	4731 There is no fire alarm system in the building. Provide a complete fire alarm system with pull stations, horns and strobes.	4773 Poor level change of 10'-4" at doorway of enclosed porch, 1/2" max allowed. Raise floor to flush with adjacent construction. New door on wood sheathing.	
			4732 There are no smoke detectors in the building. Provide smoke detectors.	4773 No disabled access between floors. Provide 3-step elevator.	

CEILING HEIGHT:  
SECOND FL.  
REHABILITATION GUIDE  
PRESIDIO OF SAN FRANCISCO  
NPS CX-2000-  
Sheet 3 of 5

original 1907 plan  
@ 1959. Right from wall  
Do not 1959

## **APPENDIX D: Previous Survey Information**

9:00 monday

**Versar**<sup>®</sup>  
INC.

**FINAL REPORT  
BUILDING 0106**

**ASBESTOS MATERIALS RE-SURVEY AND LEAD-BASED PAINT INVEST  
PRESIDIO OF SAN FRANCISCO  
SAN FRANCISCO, CALIFORNIA**

**CONTRACT NUMBER DACA05-87-C-0188  
MODIFICATION P00008**

Prepared for:

**U.S. ARMY CORPS OF ENGINEERS  
SACRAMENTO DISTRICT  
1325 J STREET  
SACRAMENTO, CALIFORNIA 95814-2922**

Prepared by:

**VERSAR, INC.  
1255 HARBOR BAY PARKWAY  
SUITE 100  
ALAMEDA, CALIFORNIA 94502**

Versar Project Number 2901

October 25, 1995





**FINAL REPORT  
BUILDING 0106**

**ASBESTOS MATERIALS RE-SURVEY AND LEAD-BASED PAINT INVESTIGATION  
PRESIDIO OF SAN FRANCISCO  
SAN FRANCISCO, CALIFORNIA**

**CONTRACT NUMBER DACA05-87-C-0188  
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October 25, 1995



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### **1.0 BUILDING DESCRIPTION**

### **2.0 ASBESTOS MATERIAL SURVEY**

2.1 Approach

2.2 Building Material Bulk Sample Summary

2.3 Hazard Assessments and Recommended Corrective Actions



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Figure A      Asbestos Survey Drawings

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## **APPENDICES**

Introduction to Appendices A-D

Appendix A Statement of Limitations

Appendix B ACM Exposure Hazard Assessment

Appendix C ACM Laboratory Reports

Appendix D ACM Chain of Custody Records



## 1.0 BUILDING DESCRIPTION

Building 0106 is a G.P. Headquarters Building and was constructed in 1909. The building was formerly Montgomery Street Barracks. The building has an approximate area of 8,896 square feet and consists of two floors and a basement. No asbestos abatement records were available for Building 0106 and no evidence of abated asbestos-containing materials (ACM) was observed during the survey.

Building 0106 is a brick structure on a stone and concrete foundation. The roof system consists of roofing shingles and mineral roll roofing. Interior construction materials include plaster and gypsum board/wall board walls; plaster, acoustical ceiling tile (ACT), and suspended ceilings; and concrete, wood, vinyl floor tile (VFT), and carpeted flooring. The boiler room is located in the basement and has a concrete floor, plaster walls, and a plaster ceiling. Heating is supplied to the building by steam radiators and is not actively ventilated. Hot water pipes are insulated with fiberglass.



## 2.0 ASBESTOS MATERIAL SURVEY

### 2.1 Approach

Versar, Inc. (Versar) conducted a survey of Building 0106 for ACMs in 1995, under contract with the Sacramento District Corps of Engineers. This survey expands on and incorporates data from a 1988-1989 asbestos screening survey of the Presidio of San Francisco, also conducted by Versar. During the current survey, Versar visually inspected all readily accessible areas of the building, identified homogeneous areas of suspect material, and collected representative samples of suspect material for laboratory analysis. Flooring materials and most asphalt roofing materials were assumed to contain asbestos and were not sampled unless significantly damaged. All sampling and inspection activities were performed in accordance with the *Presidio of San Francisco, Asbestos Materials and Lead-Based Paint Resurvey, Preliminary Survey Submittal, Quality Assurance Control Program* and the *Presidio of San Francisco, Asbestos Materials and Lead-Based Paint Resurvey, Safety and Health Plan* and are subject to the Statement of Limitations presented as Appendix A.

Where ACM was identified in the interior of buildings, Versar conducted a qualitative assessment of potential risk to human health. The qualitative assessment considers the ACM's physical damage, water damage, distance from repairs, potential for contact, total area, floor material, barriers, population, friability, walls, ventilation, air movement, activity, asbestos content, and type of material. The qualitative assessment produces a hazard rank ranging from 1, which represents the most risk to human health, to 6, which represents the least risk to human health. Versar also presents recommended response actions based on the ACM's assessed risk. Hazard ranks are not developed for exterior materials; however, Versar does provide recommended response actions for these materials. These recommendations represent Versar's professional judgement based upon industry standards and conditions existing at the time of the survey. The ACM Exposure Hazard Assessment is included as Appendix B. The ACM Laboratory Reports and ACM Chain of Custody Records are presented as Appendix C and Appendix D, respectively.



Cost estimates for removal of each individual positive and assumed ACM were calculated from local abatement contractors. Cost estimates are based on removal of individual materials. Removal of a combination of materials could increase or decrease the total cost. For small quantities of materials with removal costs less than \$1,500, a minimum cost of \$1,500 was applied to the material to account for fixed costs such as mobilization.

## **2.2 Building Material Bulk Sample Summary**

Forty-one (41) samples of suspect ACMs including vinyl baseboard, vinyl baseboard mastic, carpet mastic, plaster, window putty, ACT lay-in, and ACT splined or glued were collected from the building. Seven (7) suspect ACMs including VFT, VFT mastic, asphalt shingles, felt paper, mineral roll roofing, grout, and roofing mastic were assumed to contain asbestos. The sample locations and the laboratory results are presented in Figure A and Table A, respectively. The materials which were identified as containing asbestos, as well as those materials that were not sampled but were assumed to contain asbestos, are discussed further in Section 2.3.

## **2.3 Hazard Assessments and Recommended Corrective Action**

The ACMs identified or assumed in Building 0106 include VFT, VFT mastic, asphalt shingles, felt paper, mineral roll roofing, grout, and roofing mastic.

Versar recommends that an ACM Operations and Maintenance (O&M) Program be developed at the Presidio of San Francisco. The O&M Program should include the procedures for managing the specific ACMs identified, and should be incorporated into the normal operating procedures for The Presidio of San Francisco. The components of the O&M Program should include the locations of all ACMs, reporting procedures, notifications to all contractors who perform work such as repairs to the heating, ventilation, and air conditioning (HVAC) systems, plumbing, electrical repairs, telephone repairs, or janitorial services. The O&M Program should provide the acceptable procedures for working with or near ACMs and should also provide for the periodic reinspection of the materials by a person qualified to evaluate current conditions. In addition to the O&M Program, other



recommended response actions are also provided in this report. Recommendations may include removal, repair, encapsulation, enclosure, or periodic inspection to ensure that the condition of the material has not changed. Asbestos-related activities should be performed in accordance with all federal, state, and local regulations.

The asbestos-containing VFT located throughout the building is assigned a friability rating of "nonfriable" and a damage rating of "low". Bulk samples of this material were collected during the 1988-1989 asbestos screening survey and laboratory analysis did not detect asbestos in the samples collected. However, according to the protocol for the 1995 asbestos survey, this material is assumed to be an ACM. This material has a hazard rank of 4. Versar recommends replacing the damaged VFT and incorporating the material into an O&M Program for proper management. Versar further recommends that individuals in these areas be instructed to refrain from any activity which would disturb the asbestos-containing VFT. This includes cutting, sanding, abrading, drilling, crushing, and any other activity having the potential to disturb the material. In addition, Versar recommends that sampling to confirm the presence or absence of asbestos be performed prior to any renovations or demolition that would disturb this material.

The asbestos-containing VFT mastic located throughout the building is assigned a friability rating of "nonfriable" and a damage rating of "none". Bulk samples of this material were collected during the 1988-1989 asbestos screening survey and laboratory analysis did not detect asbestos in the samples collected. However, according to the protocol for the 1995 asbestos survey, this material is assumed to be an ACM. This material has a hazard rank of 5. Versar recommends periodic inspections of this material as part of an O&M Program for proper management. Versar further recommends that individuals in these areas be instructed to refrain from any activity which would disturb the asbestos-containing VFT mastic. This includes cutting, sanding, abrading, drilling, crushing, and any other activity having the potential to disturb the material. In addition, Versar recommends that sampling to confirm the presence or absence of asbestos be performed prior to any renovations or demolition that would disturb this material.



The asbestos-containing asphalt shingles are assigned a friability rating of "nonfriable" and a damage rating of "none". Although no bulk samples of this material were collected, the material is assumed to contain asbestos. This material is located on the exterior of the building; therefore, a hazard rank is not applicable. Versar recommends incorporating the material into an O&M Program for proper management. Versar additionally recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovations or demolition that would disturb this material.

The asbestos-containing felt paper located beneath the asphalt shingles is assigned a friability rating of "nonfriable" and a damage rating of "none". Although no bulk samples of this material were collected, the material is assumed to contain asbestos. This material is located on the exterior of the building; therefore, a hazard rank is not applicable. Versar recommends incorporating the material into an O&M Program for proper management. Versar additionally recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovations or demolition that would disturb this material.

The asbestos-containing mineral roll roofing is assigned a friability rating of "nonfriable" and a damage rating of "none". Although no bulk samples of this material were collected, the material is assumed to contain asbestos. This material is located on the exterior of the building; therefore, a hazard rank is not applicable. Versar recommends incorporating the material into an O&M Program for proper management. Versar additionally recommends that sampling be performed to confirm the presence or absence of asbestos prior to any renovations or demolition that would disturb this material.

The asbestos-containing grout located in the shower is assigned a friability rating of "nonfriable" and a damage rating of "none". Although no bulk samples of this material was collected, the material is assumed to contain asbestos. This material has a hazard rank of 5. Versar recommends periodic inspections of this material as part of an O&M Program for proper management. Versar further recommends that individuals in these areas be instructed to refrain from any activity which would disturb the asbestos-containing grout. This includes cutting, sanding, abrading, drilling, crushing, and any other activity having the potential to



disturb the material. In addition, Versar recommends that sampling to confirm the presence or absence of asbestos be performed prior to any renovations or demolition that would disturb this material.

**Versair<sup>®</sup>**  
INC.

**TABLES**

TABLE A  
ASBESTOS BUILDING DATA SUMMARY  
PRESIDIO OF SAN FRANCISCO  
BUILDING NO. 0106

Page 1 of 3

Inspector: 5842/2018  
Inspection Date: 03/14/95

HOMOGENEOUS AREA	MATERIAL	DAMAGE	FRIABILITY	HAZARD RANK	SAMPLE NUMBER	PERCENT ASBESTOS	ASBESTOS PRESENT	QUANTITY	UNIT	UNIT COST	ABATEMENT COST
1/0106/001	Vinyl Floor Tile (VFT)	LOW	NONE	4	HA Summary PAB-P00106-02 N.D.	A		3072	SF	\$1.50	\$4608
1/0106/002	VFT Mastic	NO	NONE	5	PAB-P00106-18 N.D.			3072	SF	\$1.10	\$3379
1/0106/003	Vinyl Baseboard	NO	NONE	-	HA Summary PAB-P00106-17 N.D.			97	LF	\$2.50	\$0
1/0106/004	Vinyl Baseboard Mastic	NO	NONE	-	HA Summary 1/0106/003/01 N.D.			97	LF	\$2.50	\$0
1/0106/005	Vinyl Baseboard	NO	NONE	-	HA Summary 1/0106/004/01 N.D.			1050	LF	\$2.50	\$0
1/0106/006	Vinyl Baseboard Mastic	NO	NONE	-	HA Summary 1/0106/005/01 N.D.			1050	LF	\$2.50	\$0
1/0106/007	Carpet Mastic	NO	NONE	-	HA Summary 1/0106/006/01 N.D.			3260	SF	\$2.00	\$0
1/0106/008	Plaster	NO	LOW	-	HA Summary 1/0106/007/01 N.D.			19900	SF	\$4.50	\$0
1/0106/009	Plaster	NO	LOW	-	HA Summary 1/0106/008/01 N.D.						
					1/0106/008/02 N.D.						
					1/0106/008/03 N.D.						
					1/0106/008/04 N.D.						
					1/0106/008/05 N.D.						
					1/0106/008/06 N.D.						
					1/0106/008/07 N.D.						
					1/0106/008/08 N.D.						
					1/0106/008/09 N.D.						
					1/0106/008/10 N.D.						
					HA Summary 1/0106/009/01 N.D.						
					1/0106/009/02 N.D.						
					1/0106/009/03 N.D.						
					1/0106/009/04 N.D.						

N.D.=None Detected  
N.A.=Not Analyzed

Y=Yes  
N=No  
A=Assumed  
R=Removed

Cost estimated represents total area of asbestos containing material.  
Insulation, flooring, etc. are priced as systems unless otherwise noted.

TABLE A  
ASBESTOS BUILDING DATA SUMMARY  
PRESIDIO OF SAN FRANCISCO  
BUILDING NO. 0106

Page 2 of 3

Inspector: 5842/2018  
Inspection Date: 03/14/95

HOMOGENEOUS AREA	MATERIAL	DAMAGE	FRIABILITY	HAZARD RANK	SAMPLE NUMBER	PERCENT ASBESTOS	ASBESTOS PRESENT	QUANTITY	UNIT	UNIT COST	ABATEMENT COST
1/0106/010	Window Putty	NO	NONE	-	1/0106/009/05 1/0106/009/06 1/0106/009/07 1/0106/009/08 1/0106/009/09 1/0106/009/10	N.D. N.D. N.D. N.D. N.D. N.D.					
1/0106/011	ACT lay-in	LOW	LOW	-	1/0106/010/01 HA Summary 1/0106/011/01 1/0106/011/02	N.D. N.D. N.D. N.D.	N	1878	LF	\$3.10	\$0
1/0106/012	ACT spline or glued	NO	LOW	-	1/0106/011/03 HA Summary 1/0106/012/01 1/0106/012/02 1/0106/012/03	N.D. N.D. N.D. N.D.	N	480	SF	\$2.00	\$0
1/0106/013	ACT spline or glued	MED	LOW	-	1/0106/012/02 HA Summary 1/0106/013/01 1/0106/013/02 1/0106/013/03	N.D. N.D. N.D. N.D.	N	69	SF	\$2.50	\$0
1/0106/014	Asphalt Shingles	NO	NONE	-	1/0106/012/03 HA Summary 1-29	N.D. N.D.	A	890	SF	\$2.50	\$0
1/0106/015	Felt Paper	NO	NONE	-	HA Summary 1-29	N.D.	A	3845	SF	\$2.00	\$7690
1/0106/016	Mineral Roll Roofing	NO	NONE	-	HA Summary 1-29	N.D.	A	3845	SF	\$5.00	\$19225
1/0106/017	Grout	NO	NONE	5	HA Summary 1-29	N.D.	A	510	SF	\$2.00	\$1500
1/0106/018	ACT spline or glued	NO	LOW	-	HA Summary 1/0106/018/01 1/0106/018/02	N.D. N.D.	N	314	SF	\$4.00	\$1500
								240	SF	\$2.50	\$0

N.D.=None Detected  
N.A.=Not Analyzed

Y=Yes  
N=No  
A=Assumed  
R=Removed

Cost estimated represents total area of asbestos containing material.  
Insulation, flooring, etc. are priced as systems unless otherwise noted.

TABLE A  
 ASBESTOS BUILDING DATA SUMMARY  
 PRESIDIO OF SAN FRANCISCO  
 BUILDING NO. 0106

Page 3 of 3

Inspector: 5842/2018  
 Inspection Date: 03/14/95

HOMOGENEOUS AREA	MATERIAL	DAMAGE	FRIABILITY	HAZARD RANK	SAMPLE NUMBER	PERCENT ASBESTOS	ASBESTOS PRESENT	QUANTITY	UNIT COST	UNIT ABATEMENT COST	GRAND TOTAL
					1/0106/018/03	N.D.					\$37902

N.D.=None Detected  
 N.A.=Not Analyzed

Y=Yes  
 N=No  
 A=Assumed  
 R=Removed

Cost estimated represents total area of asbestos containing material.  
 Insulation, flooring, etc. are priced as systems unless otherwise noted.

**Versar**<sup>inc.</sup>

**FIGURES**



## **REFERENCES**

1. Versar, Inc. Presidio of San Francisco, Asbestos Materials and Lead-Based Paint Resurvey, Preliminary Survey Submittal, Quality Assurance Control Program. March 1995.
2. Versar, Inc. Presidio of San Francisco, Asbestos Materials and Lead-Based Paint Resurvey, Safety and Health Plan. March 1995.
3. Versar, Inc. Project Executive Summary. March 1996.
4. Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing. June 1995.



## **INTRODUCTION TO APPENDICES A-D**



## **INTRODUCTION TO APPENDICES A-D**

### **Appendix A - Statement of Limitations**

Appendix A provides the Versar Statement of Limitations as it applies to asbestos-containing materials surveys, lead-based paint surveys, and soil sampling for lead. Additional limitations as well as inspection protocols are presented in the Project Executive Summary.

### **Appendix B - ACM Exposure Hazard Assessment**

Appendix B provides an Exposure Hazard Assessment that presents the individual damage and exposure factor rankings, the totals for the damage and exposure factors, and the resultant hazard ranking for each identified ACM.

### **Appendix C - ACM Laboratory Reports**

Appendix C provides Laboratory Reports for each ACM bulk sample collected. Included in the Laboratory Report is the field sample ID, laboratory sample ID, dates of sample collection and analysis, and the result of the analysis. Below the analytical results is a section where the laboratory analyst records any unusual findings or discrepancies.

### **Appendix D - ACM Chain of Custody Records**

Appendix D provides the chain of custody records that were used to ensure the proper handling and shipment of ACM bulk samples.



## **APPENDIX A**

### **Statement of Limitations**



## STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

- The sole purpose of the investigation and of this report is to assess the Site with respect to asbestos and/or lead-based paint materials as defined in Versar's Scope of Work and the applicable state and federal environmental laws and regulations.
- Versar derived the data in this report primarily from visual inspections, interviews with individuals with information about the Site, and a limited number of environmental samples. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, conclusions, and recommendations expressed in the report.
- In preparing this report, Versar has relied upon and presumed accurate certain information (or the absence thereof) about the Site provided by the Client, and others identified herein. Except as otherwise stated in the report, Versar has not attempted to verify the accuracy or completeness of such information.
- The data reported and the findings, observations, conclusions, and recommendations expressed in the report are limited by the Scope of Services, including the extent of environmental sampling and other tests. The Scope of Services was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Site.
- Because of the limitations stated above, the findings, observations, conclusions and recommendations expressed by Versar in this report are limited to the information obtained and the surface and subsurface investigation undertaken and should not be considered an opinion concerning the compliance of any past or current owner or operator of the Site with any federal, state, or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, conclusions, and recommendations expressed in this report. Further, such data, findings, observations, conclusions, and recommendations are based solely upon Site conditions in existence at the time of investigation.
- This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.



**APPENDIX B**

**ACM Exposure Hazard Assessment**

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/001  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 513  
Material Description: Vinyl Floor Tile (VFT)

	DAMAGE		EXPOSURE
Physical Damage:	2	Friable:	0
Water Damage:	0	Area:	3
Distance From Repairs:	0	Walls:	2
Material:	1	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	1	Activity:	0
		Floor:	4
		Barriers:	4
		Population:	2
Total Damage:	6	Total Exposure:	15

Hazard Rank: 4

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/002  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 572  
Material Description: VFT Mastic

	DAMAGE		EXPOSURE
Physical Damage:	0	Friable:	0
Water Damage:	0	Area:	3
Distance From Repairs:	0	Walls:	2
Material:	0	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	1	Activity:	0
		Floor:	4
		Barriers:	1
		Population:	2
Total Damage:	3	Total Exposure:	12

Hazard Rank: 5

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/003  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 541  
Material Description: Vinyl Baseboard

	DAMAGE	EXPOSURE	
Physical Damage:	0	Friable:	0
Water Damage:	0	Area:	1
Distance From Repairs:	0	Walls:	1
Material:	0	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	0	Activity:	0
		Floor:	4
		Barriers:	4
		Population:	2
Total Damage:	2	Total Exposure:	12

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/004  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 570  
Material Description: Vinyl Baseboard Mastic

	DAMAGE	EXPOSURE	
Physical Damage:	0	Friable:	0
Water Damage:	0	Area:	1
Distance From Repairs:	0	Walls:	1
Material:	0	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	0	Activity:	0
		Floor:	4
		Barriers:	1
		Population:	2
Total Damage:	2	Total Exposure:	9

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/005  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 541  
Material Description: Vinyl Baseboard

	DAMAGE	EXPOSURE
Physical Damage:	0	Friable: 0
Water Damage:	0	Area: 3
Distance From Repairs:	0	Walls: 1
Material:	0	Ventilation: 0
Potential for Contact:	2	Air Movement: 0
Asbestos Content:	0	Activity: 0
		Floor: 4
		Barriers: 4
		Population: 2
Total Damage:	2	Total Exposure: 14

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/006  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 570  
Material Description: Vinyl Baseboard Mastic

	DAMAGE		EXPOSURE
Physical Damage:	0	Friable:	0
Water Damage:	0	Area:	3
Distance From Repairs:	0	Walls:	1
Material:	0	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	0	Activity:	0
		Floor:	4
		Barriers:	1
		Population:	2
Total Damage:	2	Total Exposure:	11

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/007  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 571  
Material Description: Carpet Mastic

	DAMAGE	EXPOSURE	
Physical Damage:	0	Friable:	0
Water Damage:	0	Area:	3
Distance From Repairs:	0	Walls:	1
Material:	0	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	0	Activity:	0
		Floor:	4
		Barriers:	1
		Population:	2
Total Damage:	2	Total Exposure:	11

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/008  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 305  
Material Description: Plaster

	DAMAGE		EXPOSURE
Physical Damage:	0	Friable:	1
Water Damage:	0	Area:	3
Distance From Repairs:	0	Walls:	1
Material:	1	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	0	Activity:	0
		Floor:	4
		Barriers:	2
		Population:	2
Total Damage:	3	Total Exposure:	13

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/009  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 305  
Material Description: Plaster

	DAMAGE	EXPOSURE
Physical Damage:	0	Friable: 1
Water Damage:	0	Area: 3
Distance From Repairs:	0	Walls: 1
Material:	1	Ventilation: 0
Potential for Contact:	2	Air Movement: 0
Asbestos Content:	0	Activity: 0
		Floor: 4
		Barriers: 1
		Population: 2
Total Damage:	3	Total Exposure: 12

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/010  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 569  
Material Description: Window Putty

	DAMAGE	EXPOSURE	
Physical Damage:	0	Friable:	0
Water Damage:	-	Area:	-
Distance From Repairs:	-	Walls:	-
Material:	1	Ventilation:	-
Potential for Contact:	-	Air Movement:	-
Asbestos Content:	0	Activity:	-
		Floor:	-
		Barriers:	-
		Population:	-
Total Damage:	1	Total Exposure:	0

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/011  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 502  
Material Description: ACT lay-in

	DAMAGE	EXPOSURE	
Physical Damage:	2	Friable:	1
Water Damage:	0	Area:	2
Distance From Repairs:	0	Walls:	1
Material:	1	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	0	Activity:	0
		Floor:	4
		Barriers:	4
		Population:	2
Total Damage:	5	Total Exposure:	14

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/012  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 501  
Material Description: ACT spline or glued

	DAMAGE	EXPOSURE
Physical Damage:	0	Friable: 1
Water Damage:	0	Area: 1
Distance From Repairs:	0	Walls: 1
Material:	1	Ventilation: 0
Potential for Contact:	2	Air Movement: 0
Asbestos Content:	0	Activity: 0
		Floor: 1
		Barriers: 4
		Population: 2
Total Damage:	3	Total Exposure: 10

Hazard Rank: -



Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/013  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 501  
Material Description: ACT spline or glued

	DAMAGE	EXPOSURE
Physical Damage:	4	Friable: 1
Water Damage:	0	Area: 2
Distance From Repairs:	0	Walls: 1
Material:	1	Ventilation: 0
Potential for Contact:	2	Air Movement: 0
Asbestos Content:	0	Activity: 0
		Floor: 1
		Barriers: 4
		Population: 2
Total Damage:	7	Total Exposure: 11

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/014  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 553  
Material Description: Asphalt Shingles

	DAMAGE	EXPOSURE
Physical Damage:	0	Friable: 0
Water Damage:	-	Area: -
Distance From Repairs:	-	Walls: -
Material:	0	Ventilation: -
Potential for Contact:	-	Air Movement: -
Asbestos Content:	1	Activity: -
		Floor: -
		Barriers: -
		Population: -
Total Damage:	1	Total Exposure: 0

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/015  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 542  
Material Description: Felt Paper

	<u>DAMAGE</u>		<u>EXPOSURE</u>
Physical Damage:	0	Friable:	0
Water Damage:	-	Area:	-
Distance From Repairs:	-	Walls:	-
Material:	1	Ventilation:	-
Potential for Contact:	-	Air Movement:	-
Asbestos Content:	1	Activity:	-
		Floor:	-
		Barriers:	-
		Population:	-
Total Damage:	2	Total Exposure:	0

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/016  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 558  
Material Description: Mineral Roll Roofing

	DAMAGE	EXPOSURE	
Physical Damage:	0	Friable:	0
Water Damage:	-	Area:	-
Distance From Repairs:	-	Walls:	-
Material:	0	Ventilation:	-
Potential for Contact:	-	Air Movement:	-
Asbestos Content:	1	Activity:	-
		Floor:	-
		Barriers:	-
		Population:	-
Total Damage:	1	Total Exposure:	0

Hazard Rank: -

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/017  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 575  
Material Description: Grout

	DAMAGE	EXPOSURE	
Physical Damage:	0	Friable:	0
Water Damage:	0	Area:	2
Distance From Repairs:	0	Walls:	1
Material:	1	Ventilation:	0
Potential for Contact:	2	Air Movement:	0
Asbestos Content:	1	Activity:	0
		Floor:	2
		Barriers:	4
		Population:	1
Total Damage:	4	Total Exposure:	10

Hazard Rank: 5

Appendix B - ACM Exposure Hazard Assessment  
Presidio of San Francisco  
Asbestos Survey

Building number : 0106  
Homogeneous Area : 1/0106/018  
Montgomery Street Barracks, Presidio

Inspection Date: 03/14/95  
Inspector(s): 5842/2018

Material Code: 501  
Material Description: ACT spline or glued

	DAMAGE	EXPOSURE
Physical Damage:	0	Friable: 1
Water Damage:	0	Area: 2
Distance From Repairs:	0	Walls: 1
Material:	1	Ventilation: 0
Potential for Contact:	2	Air Movement: 0
Asbestos Content:	0	Activity: 0
		Floor: 4
		Barriers: 4
		Population: 2
Total Damage:	3	Total Exposure: 14

Hazard Rank: -

**Versal<sup>®</sup>**  
INC.

## **APPENDIX C**

### **ACM Laboratory Reports**

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-003-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JSL Job Number: AOC503240

Laboratory Sample #: 1527372CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 541      Material Description: Vinyl Baseboard

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Brown

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	0 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	100 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

\* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1

\* If sample is not homogenous, separate components are analyzed separately and a single result is reported.

\* Lab measurements and supporting documentation are available upon request.

\* This report related only to items tested.

\* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.

\* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty

concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-004-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527373CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 570

Material Description: Vinyl Baseboard Mastic

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Brown

<u>ASBESTOS CONTENT</u>		<u>NON-ASBESTOS/FIBROUS CONTENT</u>	
Chrysotile	0 %	CELLULOSE	<1 Tr %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
<b>TOTAL % ASBESTOS:</b> 0 %		<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>	
		BIND. MATERIAL	99+ %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-005-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527374CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 541

Material Description: Vinyl Baseboard

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Brown

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	0 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	100 %

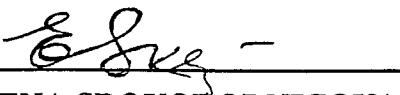
## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

Method: Polarized Light Microscopy/Dispersion Staining (PLM)

40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

  
ELENA SROVORODNICOVA  
NVLAP SignatoryES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-006-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527375CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 570

Material Description: Vinyl Baseboard Mastic

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Brown

## ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

## NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

## NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 100 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

Method: Polarized Light Microscopy/Dispersion Staining (PLM)  
40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-007-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

ASL Job Number: AOC503240

Laboratory Sample #: 1527376CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 571

Material Description: Carpet Mastic

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Yellow

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	<1 Tr %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	99+ %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

\* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1

\* If sample is not homogenous, separate components are analyzed separately and a single result is reported.

\* Lab measurements and supporting documentation are available upon request.

\* This report related only to items tested.

\* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.

\* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty

concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA

NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-008-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527377CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: White

<u>ASBESTOS CONTENT</u>		<u>NON-ASBESTOS/FIBROUS CONTENT</u>	
Chrysotile	0 %	CELLULOSE	<1 Tr %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
<b>TOTAL % ASBESTOS:</b> 0 %		<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>	
		BIND. MATERIAL	99+ %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-008-02

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

ASL Job Number: AOC503240

Laboratory Sample #: 1527378CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305      Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: White

<u>ASBESTOS CONTENT</u>		<u>NON-ASBESTOS/FIBROUS CONTENT</u>	
Chrysotile	0 %	CELLULOSE	0 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
<b>TOTAL % ASBESTOS:</b> 0 %		<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>	
		BIND. MATERIAL	100 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-008-03

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527379CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305      Material Description: Plaster

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Tan

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	0 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	100 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less than 1%
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report relates only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-008-04

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527380CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: White

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	0 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	100 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

Method: Polarized Light Microscopy/Dispersion Staining (PLM)

40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-008-05

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527381CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Tan

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	<1 Tr	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 99+ %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA  
NVLAP SignatoryES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-008-06

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527382CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Tan

## ASBESTOS CONTENT

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

## NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

## NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 100 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-008-07

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527383CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Tan

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	<1 Tr %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	99+ %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA

NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-008-08

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527384CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: White

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	<1 Tr %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	99+ %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

Method: Polarized Light Microscopy/Dispersion Staining (PLM)

40 CFR Part 763 App. A to Subpart F

\* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1

\* If sample is not homogenous, separate components are analyzed separately and a single result is reported.

\* Lab measurements and supporting documentation are available upon request.

\* This report related only to items tested.

\* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.

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concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA

NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-008-09

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527385CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: White

## ASBESTOS CONTENT

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

## NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

## NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 100 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less than 1%
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
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ELENA SROVORODNICOVA  
NVLAP SignatoryES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-008-10

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527386CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: White

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	0 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	100 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

Method: Polarized Light Microscopy/Dispersion Staining (PLM)  
40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less than 1%
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report relates only to items tested.
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ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-009-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

ASL Job Number: AOC503240

Laboratory Sample #: 1527387CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Tan

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	<1 Tr	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 99+ %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)**  
**40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
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ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-009-02

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527388CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305      Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

**COLOR/APPEARANCE:** White**ASBESTOS CONTENT**

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 100 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)**  
**40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less than 1%
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report relates only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICובה  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-009-03

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527389CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Beige

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 100 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-009-04

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527390CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Beige

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 100 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-009-05

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527391CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Beige

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	<1 Tr	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 99+ %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-009-06

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527392CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Beige

**ASBESTOS CONTENT**

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	<1 Tr	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 99+ %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
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ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-009-07

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527393CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Beige

ASBESTOS CONTENT			NON-ASBESTOS/FIBROUS CONTENT		
Chrysotile	0	%	CELLULOSE	<1 Tr	%
Amosite	0	%	FIBROUS GLASS	0	%
Crocidolite	0	%	SYNTH. POLYMER	0	%
Tremolite	0	%	MINERAL WOOL	0	%
Actinolite	0	%	OTHER	0	%
Anthophyllite	0	%			
TOTAL % ASBESTOS: 0 %			NON-ASBESTOS/NON-FIBROUS CONTENT		
			BIND. MATERIAL	99+	%

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)**  
**40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-009-08

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527394CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Beige

**ASBESTOS CONTENT**

Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	0	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 100 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)  
40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-009-09

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527395CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Beige

## ASBESTOS CONTENT

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

## NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	<1 Tr	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

## NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 99+ %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA  
NVLAP SignatoryES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-009-10

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527396CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 305

Material Description: Plaster

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Beige and white

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	0 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	100 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)**  
**40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-010-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527397CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 569

Material Description: Window Putty

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: White

<u>ASBESTOS CONTENT</u>		<u>NON-ASBESTOS/FIBROUS CONTENT</u>	
Chrysotile	0 %	CELLULOSE	0 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
<b>TOTAL % ASBESTOS:</b> 0 %		<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>	
		BIND. MATERIAL	100 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)  
40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-011-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527398CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 502

Material Description: ACT Lay-In

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Grey

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	65 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	25 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	10 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-011-02

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

ASL Job Number: AOC503240

Laboratory Sample #: 1527399CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 502

Material Description: ACT Lay-In

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Grey

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	65 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	25 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL 10 %	

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)**  
**40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
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ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-011-03

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527400CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 502

Material Description: ACT Lay-In

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Grey

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	65	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	25	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

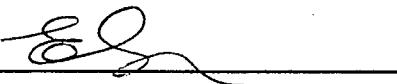
BIND. MATERIAL 10 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-012-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527401CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT Spline or Glued

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Yellow

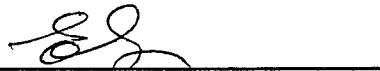
<u>ASBESTOS CONTENT</u>		<u>NON-ASBESTOS/FIBROUS CONTENT</u>	
Chrysotile	0 %	CELLULOSE	98 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
<b>TOTAL % ASBESTOS:</b> 0 %		<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>	
		BIND. MATERIAL	2 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-012-02

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

RJL Job Number: AOC503240

Laboratory Sample #: 1527402CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT Spline or Glued

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Yellow

## ASBESTOS CONTENT

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

## NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	98	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

## NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 2 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

## Method: Polarized Light Microscopy/Dispersion Staining (PLM)

## 40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-012-03

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

A&amp;L Job Number: AOC503240

Laboratory Sample #: 1527403CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT Spline or Glued

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Yellow

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	98	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL 2 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

\* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less than 1%

\* If sample is not homogenous, separate components are analyzed separately and a single result is reported.

\* Lab measurements and supporting documentation are available upon request.

\* This report relates only to items tested.

\* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.

\* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty

concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA  
NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-013-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527407CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT Spline or Glued

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Grey

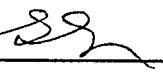
<u>ASBESTOS CONTENT</u>		<u>NON-ASBESTOS/FIBROUS CONTENT</u>	
Chrysotile	0 %	CELLULOSE	65 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	25 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
<b>TOTAL % ASBESTOS:</b> 0 %		<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>	
		BIND. MATERIAL	10 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less than 1%
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report relates only to items tested.
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- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

  
ELENA SROVORODNICOVA  
NVLAP SignatoryES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-013-02

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527408CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT Spline or Glued

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Grey

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	60	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	40	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL &lt;1 Tr %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA

NVLAP Signatory

ES

Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-013-03

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

L Job Number: AOC503240

Laboratory Sample #: 1527409CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT Spline or Glued

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Grey

**ASBESTOS CONTENT**

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

**NON-ASBESTOS/FIBROUS CONTENT**

CELLULOSE	60	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	40	%
OTHER	0	%

**NON-ASBESTOS/NON-FIBROUS CONTENT**

BIND. MATERIAL &lt;1 Tr %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

\* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1

\* If sample is not homogenous, separate components are analyzed separately and a single result is reported.

\* Lab measurements and supporting documentation are available upon request.

\* This report related only to items tested.

\* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.

\* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty

concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA  
NVLAP SignatoryES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-018-01

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

NJL Job Number: AOC503240

Laboratory Sample #: 1527404CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT Spline or Glued

**DATES:**

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Yellow

<u>ASBESTOS CONTENT</u>		<u>NON-ASBESTOS/FIBROUS CONTENT</u>	
Chrysotile	0 %	CELLULOSE	98 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
<b>TOTAL % ASBESTOS:</b> 0 %		<u>NON-ASBESTOS/NON-FIBROUS CONTENT</u>	
		BIND. MATERIAL	2 %

**COMMENTS:**

Sample analyzed by RJ Lee Group (NVLAP)

**Method: Polarized Light Microscopy/Dispersion Staining (PLM)****40 CFR Part 763 App. A to Subpart F**

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
- \* This report related only to items tested.
- \* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.
- \* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty concerning asbestos content is desired, electron microscopy or XRD is recommended.



ELENA SROVORODNICOVA  
NVLAP Signatory

ES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample # : 01-0106-018-02

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527405CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT spline or glued

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Yellow

ASBESTOS CONTENT		NON-ASBESTOS/FIBROUS CONTENT	
Chrysotile	0 %	CELLULOSE	98 %
Amosite	0 %	FIBROUS GLASS	0 %
Crocidolite	0 %	SYNTH. POLYMER	0 %
Tremolite	0 %	MINERAL WOOL	0 %
Actinolite	0 %	OTHER	0 %
Anthophyllite	0 %		
TOTAL % ASBESTOS: 0 %		NON-ASBESTOS/NON-FIBROUS CONTENT	
		BIND. MATERIAL	2 %

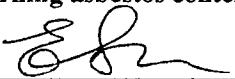
## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

Method: Polarized Light Microscopy/Dispersion Staining (PLM)

40 CFR Part 763 App. A to Subpart F

- \* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1
- \* If sample is not homogenous, separate components are analyzed separately and a single result is reported.
- \* Lab measurements and supporting documentation are available upon request.
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ELENA SROVORODNICOVA  
NVLAP SignatoryES  
Asbestos Analyst

# RJ Lee Group, Inc.

Field Bulk Sample #: 01-0106-018-03

NVLAP Accreditation #1208

## LABORATORY REPORT -- BULK ASBESTOS ANALYSIS

JL Job Number: AOC503240

Laboratory Sample #: 1527406CPL

Project Site: 2901; COE-Presidio - Bldg. #0106

Material Code #: 501

Material Description: ACT Spline or Glued

## DATES:

RECEIVED: 03/16/95

COLLECTED: 3/14/95

REPORTED: 03/27/95

COLOR/APPEARANCE: Yellow

ASBESTOS CONTENT

		%
Chrysotile	0	%
Amosite	0	%
Crocidolite	0	%
Tremolite	0	%
Actinolite	0	%
Anthophyllite	0	%

TOTAL % ASBESTOS: 0 %

NON-ASBESTOS/FIBROUS CONTENT

CELLULOSE	98	%
FIBROUS GLASS	0	%
SYNTH. POLYMER	0	%
MINERAL WOOL	0	%
OTHER	0	%

NON-ASBESTOS/NON-FIBROUS CONTENT

BIND. MATERIAL 2 %

## COMMENTS:

Sample analyzed by RJ Lee Group (NVLAP)

Method: Polarized Light Microscopy/Dispersion Staining (PLM)

40 CFR Part 763 App. A to Subpart F

\* N.D. = None Detected (Method Detection Limit is 1%); Trace = Less %1

\* If sample is not homogenous, separate components are analyzed separately and a single result is reported.

\* Lab measurements and supporting documentation are available upon request.

\* This report related only to items tested.

\* This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Gov't.

\* Dust, tile, and vinyl may contain asbestos fibers that cannot be detected with PLM. If greater certainty

concerning asbestos content is desired, electron microscopy or XRD is recommended.

ELENA SROVORODNICOVA

NVLAP Signatory

ES

Asbestos Analyst



**APPENDIX D**  
**ACM Chain of Custody Records**

# Bulk Sample Chain of Custody Record

## VERSAR, Inc.

Page 1 of 5  
This Building Only

ASBESTOS AND LEAD BASED PAINT RE-SURVEY AT  
PRESIDIO OF SAN FRANCISCO, CA

Client: COE PRESIDIO

Project#: 2901

Lab File#:

Site/Building #: 0106

Sample Date: 3-14-95

Analysis Requested: PLM, SEM, or Other:

Turnaround Time: Normal, Other:

Results To: \_\_\_\_\_ Phone #: \_\_\_\_\_

<table border="1"><tr><td>01</td><td>0106</td><td>003</td><td>01</td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">541 Material Code</td></tr></table>	01	0106	003	01	Site#	Bldg#	HA#	S#	Lab Use Only				541 Material Code				<table border="1"><tr><td>01</td><td>0106</td><td>006</td><td>01</td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">570 Material Code</td></tr></table>	01	0106	006	01	Site#	Bldg#	HA#	S#	Lab Use Only				570 Material Code				<table border="1"><tr><td>01</td><td>0106</td><td>00802</td><td></td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">305 Material Code</td></tr></table>	01	0106	00802		Site#	Bldg#	HA#	S#	Lab Use Only				305 Material Code			
01	0106	003	01																																															
Site#	Bldg#	HA#	S#																																															
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<table border="1"><tr><td>01</td><td>0106</td><td>004</td><td>01</td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">570 Material Code</td></tr></table>	01	0106	004	01	Site#	Bldg#	HA#	S#	Lab Use Only				570 Material Code				<table border="1"><tr><td>01</td><td>0106</td><td>007</td><td>01</td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">571 Material Code</td></tr></table>	01	0106	007	01	Site#	Bldg#	HA#	S#	Lab Use Only				571 Material Code				<table border="1"><tr><td>01</td><td>0106</td><td>00803</td><td></td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">305 Material Code</td></tr></table>	01	0106	00803		Site#	Bldg#	HA#	S#	Lab Use Only				305 Material Code			
01	0106	004	01																																															
Site#	Bldg#	HA#	S#																																															
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570 Material Code																																																		
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Site#	Bldg#	HA#	S#																																															
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<table border="1"><tr><td>01</td><td>0106</td><td>005</td><td>01</td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">541 Material Code</td></tr></table>	01	0106	005	01	Site#	Bldg#	HA#	S#	Lab Use Only				541 Material Code				<table border="1"><tr><td>01</td><td>0106</td><td>00801</td><td></td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">305 Material Code</td></tr></table>	01	0106	00801		Site#	Bldg#	HA#	S#	Lab Use Only				305 Material Code				<table border="1"><tr><td>01</td><td>0106</td><td>00804</td><td></td></tr><tr><td>Site#</td><td>Bldg#</td><td>HA#</td><td>S#</td></tr><tr><td colspan="4">Lab Use Only</td></tr><tr><td colspan="4">305 Material Code</td></tr></table>	01	0106	00804		Site#	Bldg#	HA#	S#	Lab Use Only				305 Material Code			
01	0106	005	01																																															
Site#	Bldg#	HA#	S#																																															
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Site#	Bldg#	HA#	S#																																															
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Lab Use Only																																																		
305 Material Code																																																		
Total Samples This Page Only <u>9</u>	Total Samples On All Pages, this Building <u>38</u>	Total All HA's, including Assumed, for ALL Pages <u>19</u>																																																

Company	Print Name	Signature	Date	24 hr Time
Relinquished By: <u>VERSAR</u>	<u>B. MCKELKEY</u>	<u>B. McElkey</u>	<u>3/14/95</u>	<u>1530</u>
Received By: <u>RJ Lee</u>	<u>B. Reynolds</u>	<u>B. Reynolds</u>	<u>3/16/95</u>	<u>9:30 AM</u>
Relinquished By: _____	_____	_____	_____	_____
Received By: _____	_____	_____	_____	_____
Relinquished By: _____	_____	_____	_____	_____
Received By: _____	_____	_____	_____	_____

# Bulk Sample Chain of Custody Record

## VERSAR, Inc.

Page 2 of 5  
This Building Only

ASBESTOS AND LEAD BASED PAINT RE-SURVEY AT  
PRESIDIO OF SAN FRANCISCO, CA

Client: COE PRESIDIO      Sample Date: 3-14-95

Project #: 2901      Analysis Requested: PLM, SEM, or Other: \_\_\_\_\_

Lab File #: \_\_\_\_\_      Turnaround Time: Normal, Other: \_\_\_\_\_

Site/Building #: 0106      Results To: \_\_\_\_\_      Phone #: \_\_\_\_\_

01 Site#	0106 Bldg#	008 HA#	05 S#	01 Site#	0106 Bldg#	008 HA#	08 S#	01 Site#	0106 Bldg#	009 HA#	01 S#
Lab Use Only				Lab Use Only				Lab Use Only			
<u>305</u> Material Code				<u>305</u> Material Code				<u>305</u> Material Code			
01 Site#	0106 Bldg#	008 HA#	06 S#	01 Site#	0106 Bldg#	008 HA#	09 S#	01 Site#	0106 Bldg#	009 HA#	02 S#
Lab Use Only				Lab Use Only				Lab Use Only			
<u>305</u> Material Code				<u>305</u> Material Code				<u>305</u> Material Code			
01 Site#	0106 Bldg#	008 HA#	07 S#	01 Site#	0106 Bldg#	008 HA#	10 S#	01 Site#	0106 Bldg#	009 HA#	03 S#
Lab Use Only				Lab Use Only				Lab Use Only			
<u>305</u> Material Code				<u>305</u> Material Code				<u>305</u> Material Code			
Total Samples This Page Only <u>9</u>				Total Samples On All Pages, this Building <u>38</u>				Total All HA's, including Assumed, for ALL Pages <u>19</u>			

Relinquished By:	Company	Print Name	Signature	Date	24 hr Time
Received By:	<u>VERSAR</u>	<u>B. Mc KELVEY</u>	<u>B. Mc Keltrey</u>	<u>3/14/95</u>	<u>15:30</u>
Relinquished By:	<u>R.J. Lee</u>	<u>J. Reynolds</u>		<u>3/16/95</u>	<u>9:31 AM</u>
Received By:					
Relinquished By:					
Received By:					

# Bulk Sample Chain of Custody Record

## VERSAR, Inc.

Page 3 of 5  
This Building Only

ASBESTOS AND LEAD BASED PAINT RE-SURVEY AT  
PRESIDIO OF SAN FRANCISCO, CA

Client: COE PRESIDIO

Project #: 2901

Lab File #:

Site/Building #: 0106

Sample Date: 3-14-95

Analysis Requested: (PLM) SEM, or Other:

Turnaround Time: Normal, Other

Results To: Phone #: \_\_\_\_\_

01 Site#	0106 Bldg#	009 HA#	04 S#	01 Site#	0106 Bldg#	009 HA#	07 S#	01 Site#	0106 Bldg#	009 HA#	10 S#
Lab Use Only				Lab Use Only				Lab Use Only			
305 Material Code				305 Material Code				305 Material Code			
01 Site#	0106 Bldg#	009 HA#	05 S#	01 Site#	0106 Bldg#	009 HA#	08 S#	01 Site#	0106 Bldg#	010 HA#	01 S#
Lab Use Only				Lab Use Only				Lab Use Only			
305 Material Code				305 Material Code				569 Material Code			
01 Site#	0106 Bldg#	009 HA#	06 S#	01 Site#	0106 Bldg#	009 HA#	09 S#	01 Site#	0106 Bldg#	011 HA#	01 S#
Lab Use Only				Lab Use Only				Lab Use Only			
305 Material Code				305 Material Code				502 Material Code			
Total Samples This Page Only <u>9</u>				Total Samples On All Pages, this Building <u>38</u>				Total All HA's, including Assumed, for ALL Pages <u>19</u>			

Relinquished By:	Company	Print Name	Signature	Date	24 hr Time
Received By:	VERSAR	B. MCKELVEY	B. MCKelvey	3/14/95	15:30
Relinquished By:	R. L. KE	B. REYNOLDS	B. Reynolds	3/16/95	9:30 AM
Received By:					
Relinquished By:					
Received By:					

# Bulk Sample Chain of Custody Record

## VERSAR, Inc.

Page 4 of 55  
This Building Only

ASBESTOS AND LEAD BASED PAINT RE-SURVEY AT  
PRESIDIO OF SAN FRANCISCO, CA

Client: COE PRESIDIO

Project#: 2901

Lab File#:

Site/Building #: 0106

Analysis Requested: PLM, XSEM, or Other: \_\_\_\_\_

Sample Date: 3-14-95

Turnaround Time: Normal Other: \_\_\_\_\_

Results To: \_\_\_\_\_ Phone#: \_\_\_\_\_

<u>01</u> Site#	<u>0106</u> Bldg#	<u>011</u> HA#	<u>02</u> S#	<u>01</u> Site#	<u>0106</u> Bldg#	<u>012</u> HA#	<u>02</u> S#	<u>01</u> Site#	<u>0106</u> Bldg#	<u>013</u> HA#	<u>02</u> S#
Lab Use Only				Lab Use Only				Lab Use Only			
<u>502</u> Material Code				<u>501</u> Material Code				<u>501</u> Material Code			
<u>01</u> Site#	<u>0106</u> Bldg#	<u>011</u> HA#	<u>03</u> S#	<u>01</u> Site#	<u>0106</u> Bldg#	<u>012</u> HA#	<u>03</u> S#	<u>01</u> Site#	<u>0106</u> Bldg#	<u>013</u> HA#	<u>03</u> S#
Lab Use Only				Lab Use Only				Lab Use Only			
<u>502</u> Material Code				<u>501</u> Material Code				<u>501</u> Material Code			
<u>01</u> Site#	<u>0106</u> Bldg#	<u>012</u> HA#	<u>01</u> S#	<u>01</u> Site#	<u>0106</u> Bldg#	<u>013</u> HA#	<u>01</u> S#	<u>01</u> Site#	<u>0106</u> Bldg#	<u>018</u> HA#	<u>01</u> S#
Lab Use Only				Lab Use Only				Lab Use Only			
<u>501</u> Material Code				<u>501</u> Material Code				<u>501</u> Material Code			
Total Samples This Page Only <u>9</u>				Total Samples On All Pages, this Building <u>38</u>				Total All HA's, including Assumed, for ALL Pages <u>19</u>			

Company	Print Name	Signature	Date	24 hr Time
Relinquished By: <u>VERSAR</u>	<u>B. McRELVEY</u>	<u>B. McRelvey</u>	<u>3/14/95</u>	<u>15:30</u>
Received By: <u>R. J. Lee</u>	<u>B. Reppel</u>		<u>3/16/95</u>	<u>9:31 AM</u>
Relinquished By: _____				
Received By: _____				
Relinquished By: _____				
Received By: _____				

# Bulk Sample Chain of Custody Record

## VERSAR, Inc.

Page 5 of 3  
This Building Only

Client: COE PRESIDIO  
Project #: 2901  
Lab File #: \_\_\_\_\_  
Site/Building #: 0106

ASBESTOS AND LEAD BASED PAINT RE-SURVEY AT  
PRESIDIO OF SAN FRANCISCO, CA

Sample Date: 3-14-95

Analysis Requested: PLM, SEM, or Other: \_\_\_\_\_

Turnaround Time: Normal, Other: \_\_\_\_\_

Results To: \_\_\_\_\_ Phone #: \_\_\_\_\_

01	0106	018	02
Site#	Bldg#	HA#	S#

Lab Use Only			
501 Material Code			

01	0106	018	03
Site#	Bldg#	HA#	S#

Lab Use Only			
501 Material Code			

01	0106	018	04
Site#	Bldg#	HA#	S#

Lab Use Only			
501 Material Code			

Site#	Bldg#	HA#	S#

Lab Use Only			
501 Material Code			

Site#	Bldg#	HA#	S#

Lab Use Only			
Material Code			

Site#	Bldg#	HA#	S#

Lab Use Only			
Material Code			

Site#	Bldg#	HA#	S#

Lab Use Only			
Material Code			

Site#	Bldg#	HA#	S#

Lab Use Only			
Material Code			

Site#	Bldg#	HA#	S#

Lab Use Only			
Material Code			

Site#	Bldg#	HA#	S#

Lab Use Only			
Material Code			

Site#	Bldg#	HA#	S#

Lab Use Only			
Material Code			

Total Samples  
This Page Only

2

Total Samples On All  
Pages, this Building

38

Total All HA's, including  
Assumed, for ALL Pages

19

Company	Print Name	Signature	Date	24 hr Time
Relinquished By:	VERSAR	B. McRELVEY	3/14/95	15:30
Received By:	RJ Lee	J. F. Copeles	3/16/95	9:30 AM
Relinquished By:				
Received By:				
Relinquished By:				
Received By:				